APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Serologic Diagnosis of Aphthous Infection (Presented At the First Congress of Zoonosis of the Province of Buenos Aires, Dec 1948), by Dr. Raul Palacios, Ramón Rodriguez and Eliseo Gallardo, 9 pp.

SPANISH, Boletin del Instituto Bacteriologico de Chile, Vol 5, No 2, Spain, Jul-Dec 1948, pp 13-17.

CIA/FDD X-677

AD 2.901

Scientific - Medicine, foot and mouth disease

National Institutes of Health, Bethesda, Md.

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Complement Fixation Test in the Study of Aphthous Fever Viruses (Foot and Mouth Disease), by Drs Raúl Palacios and Ramón Rodriguez, 16 pp.

SPANISH, Boletin del Instituto Bacteriologico de Chile, Vol 5, No 2, Spain, Jul-Dec 1948, pp 3-10.

CIA/FDD X-676

A8871

Scientific - Medicine, biology, foot and mouth disease

National Institutes of Health, Bethesda, Md.

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

(NY-5739)

Electrical Engineering Industry in Poznan Wojewodztwo, by Edward Palacz, 9 pp.

POLISH, per, Przeglad Mechaniczny, Vol XIX, No 19/20, 10, 25 Oct 1960, pp 602-604.

JPRS 9055

EEur - Poland
Econ
Jun 61

155-P89

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Profitability of Foreign Trade: Domestic and Foreign Opinions, by Tadeusz Palacz, 9 pp. UN-CLASSIFIED

POLISH, mo per, Handel Zagraniczny, Vol III, No 10, Warsaw, 1957, pp 4-6.

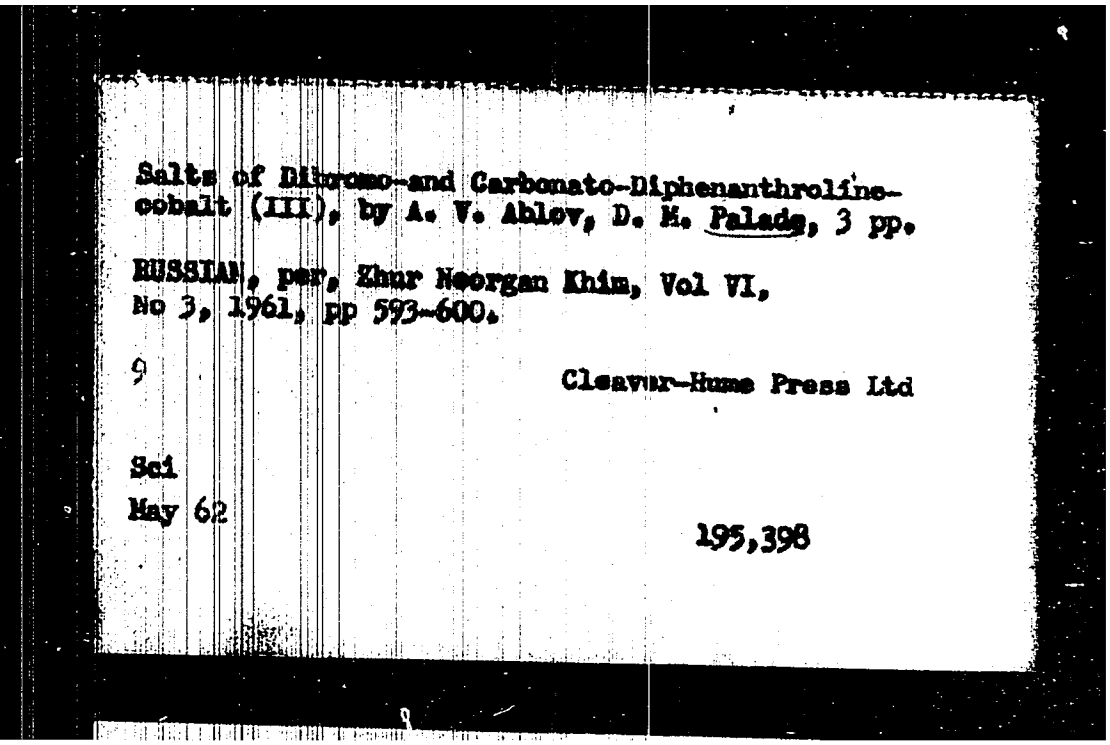
US JPRS/DC-L-123

EE - Poland
Econ - Foreign Trade
Apr 58

61,886

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Salts of Dibromo-and Carbonato-Diphenanthroline-cobalt (III), by A. V. Ablov, D. M. Palade, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 3, 1961, pp 593-600.

9

Cleaver-Hume Press Ltd

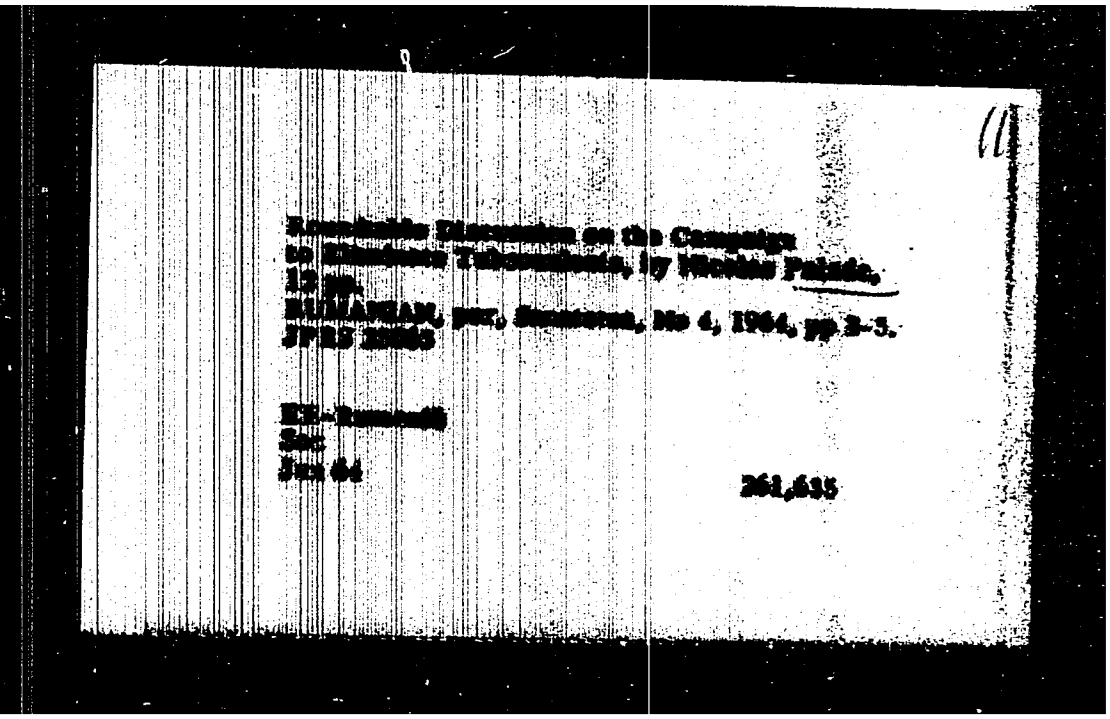
Sci

May 62

195,398

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



[redacted]

[redacted], per. Sentence, No 4, 1964, pp 3-5.

[redacted]

[redacted]

[redacted]

261,635

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Biochemical Characteristics of Different Divisions of the CNS That Differ Functionally, by A. V. Paladin, 13 pp.

RUSSIAN, rpt presented at Congress of the All-Soviet Association of Physiologists, Biochemists and Pharmacologists, No 9, 16 Jun 1959,

SLA 60-18567

Sci

146,178

Apr 61

OTS, Vol V, No 1

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Biochemical Characteristics of Different Divisions of the CNS That Differ Functionally, by A. V. Paladin, 13 pp.

RUSSIAN, rpt presented at Congress of the All-Soviet Association of Physiologists, Biochemists and Pharmacologists, No 9, 16 Jun 1959,

SLA 60-18567

Sci

Apr 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

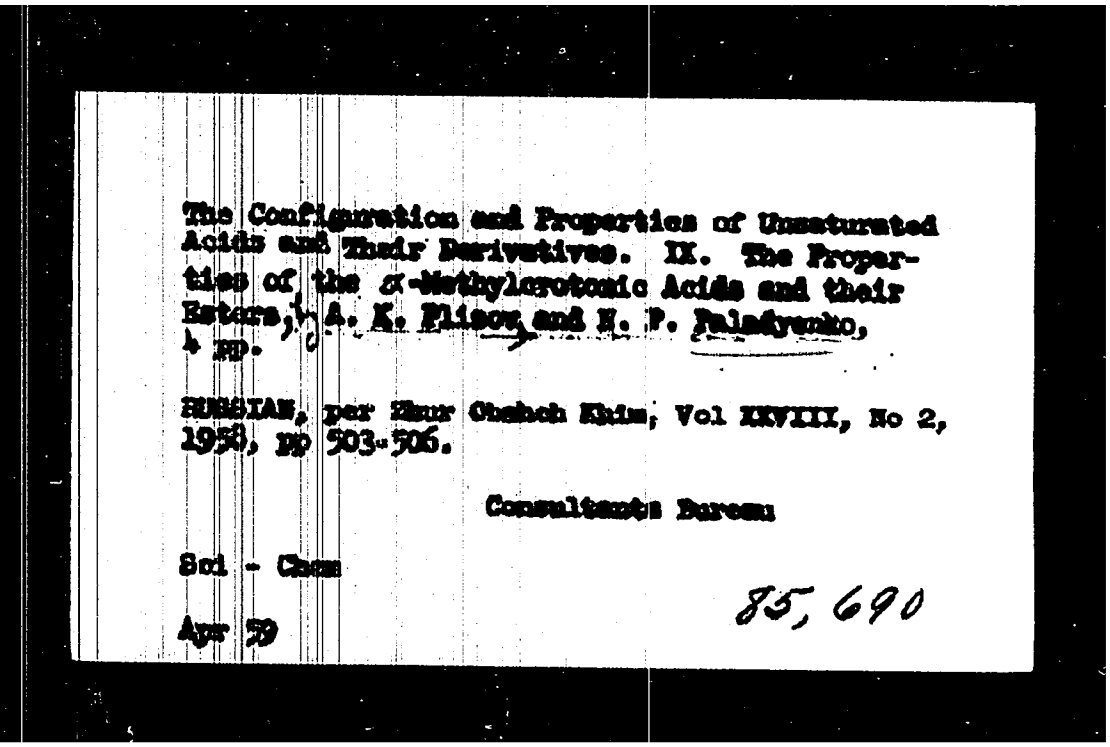
Fishery and Supply of Crayfish for Export, by J. Paladina. 17
POLISH, bk, Polowy i Dostawy Raka Eksportowego, 1963, 120 pp.
*CFSTI TT 70-55115

EE/Econ
~~Set~~
May 70

J. Paladina.

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



The Configuration and Properties of Unsaturated Acids and Their Derivatives. IX. The Properties of the α-Methylcrotonic Acids and their Esters, by A. K. Pliyev and K. P. Palshyenko, 4 pp.

RUSSIAN, per Zhur Obshch Khim, Vol XXVIII, No 2, 1958, pp 503-506.

Consultants Bureau

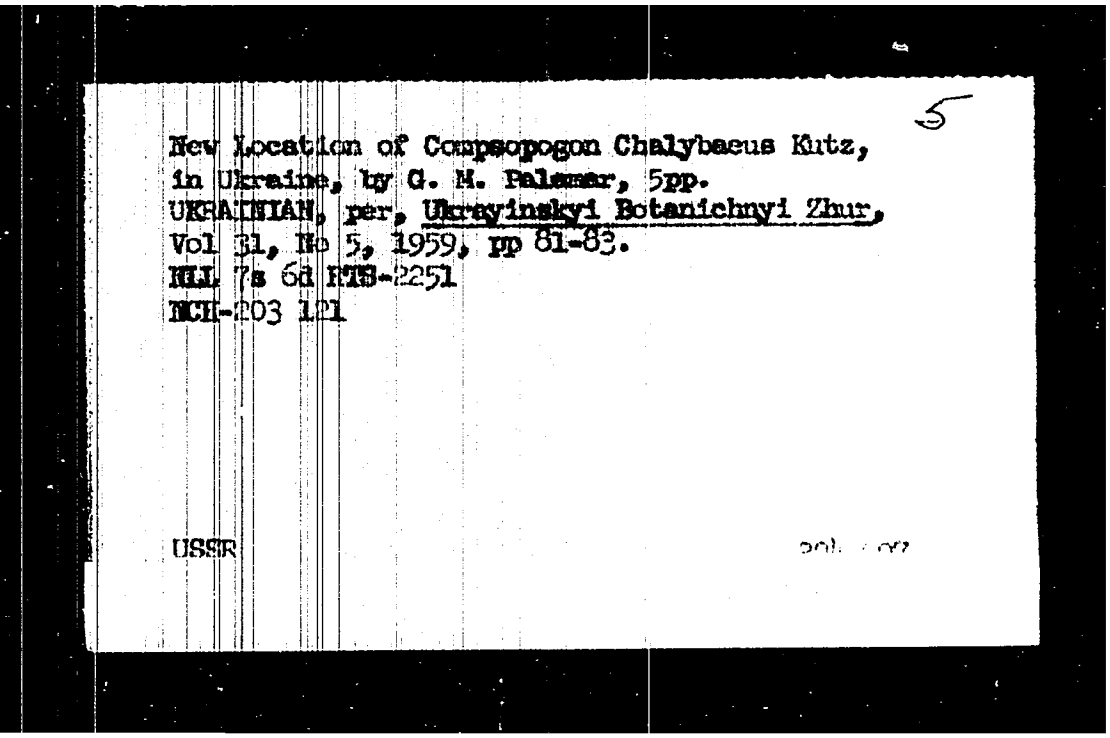
Sci - Chem

Apr 59

85,690

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



5

New Location of Compsopogon Chalybaeus Kutz, in Ukraine, by G. M. Palamar, 5pp. UKRAINIAN, per, Ukrayinskyi Botanichnyi Zhur, Vol 31, No 5, 1959, pp 81-83.
MLL 7s 6d RTS-2251
MCH-203 121

USSR

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

CEA-tr-R-1678 Uncl.

STIMULATION DE LA CROISSANCE DE LA RACINE DES PLANTES DE LA FAMILLE DES CHENOPODIACEES, DES CRUCIFERES ET DES OMBELLIFERES DANS DES SOLS DE TOURBIERE ET MINERAUX, PAR LES RAYONNEMENT γ DU RADIUM, DU COBALT ET PAR LES RAYONS X.
(Stimulation of the Growth of the Roots of Plants of the Chenopodiaceae, Cruciferae, and Umbelliferae in Soils of Peat and Minerals by Radium and by X Rays). A. S. (C.) Palamarchuk. Translated into French from Ukr. Botan. Zh., 17: (1960). 27p.
Radiobiology; Translations MC-48
C-48 NP NSA $2.60(fs), $1.01(mf) JCL or OTS
N-4

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Roll Wear in Strip Rolling Mills, by E. M. Palamarchuk.

RUSSIAN, per. Stal', No 10, 1957, pp 929-933.

C.S.I.R.O.

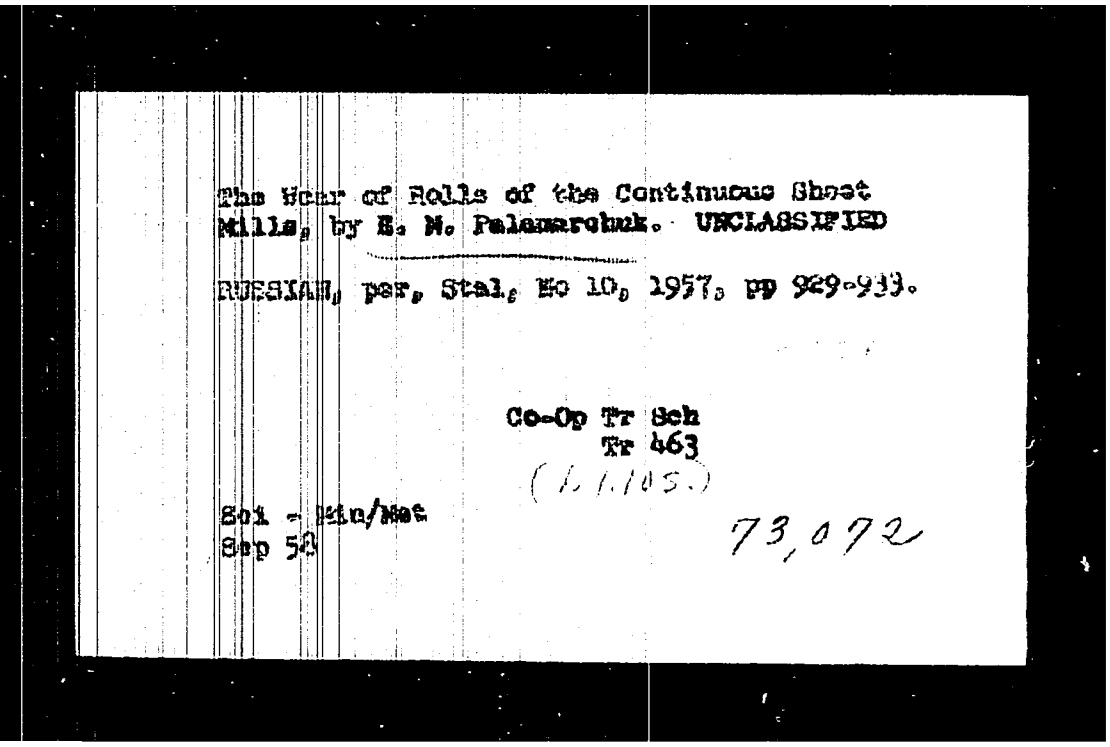
Sci

May 60

115 769

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



The Wear of Rolls of the Continuous Sheet Mills, by E. N. Palamarchuk. UNCLASSIFIED

RUSSIAN, per, Stal, No 10, 1957, pp 929-933.

Co-Op Tr Sch
Tr 463
(A.I.I.S.)

Sol - Min/Met
Sep 58

73,072

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

On Intramedullary Fixation of the Clavicle with a Knitting-Needle, by V.G. Boroka, A.K. Palamarchuk

RUSSIAN, no per, Voyenno Med Zhur, No 12, Moscow, Dec 1957, pp 90-96

US JPRS/NY 365

Sci - Med

61,919

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Variability of Wet Proteins in Clover Leaves in Connection with the Population, Age and Site of Growth, by A. S. Palamarchuk, M. F. Karpovich, 4 pp.

RUSSIAN, per, Fiz Rasteniy, Vol V, No 1, 1958, pp 83-85.

Amer Inst of Biol Sci

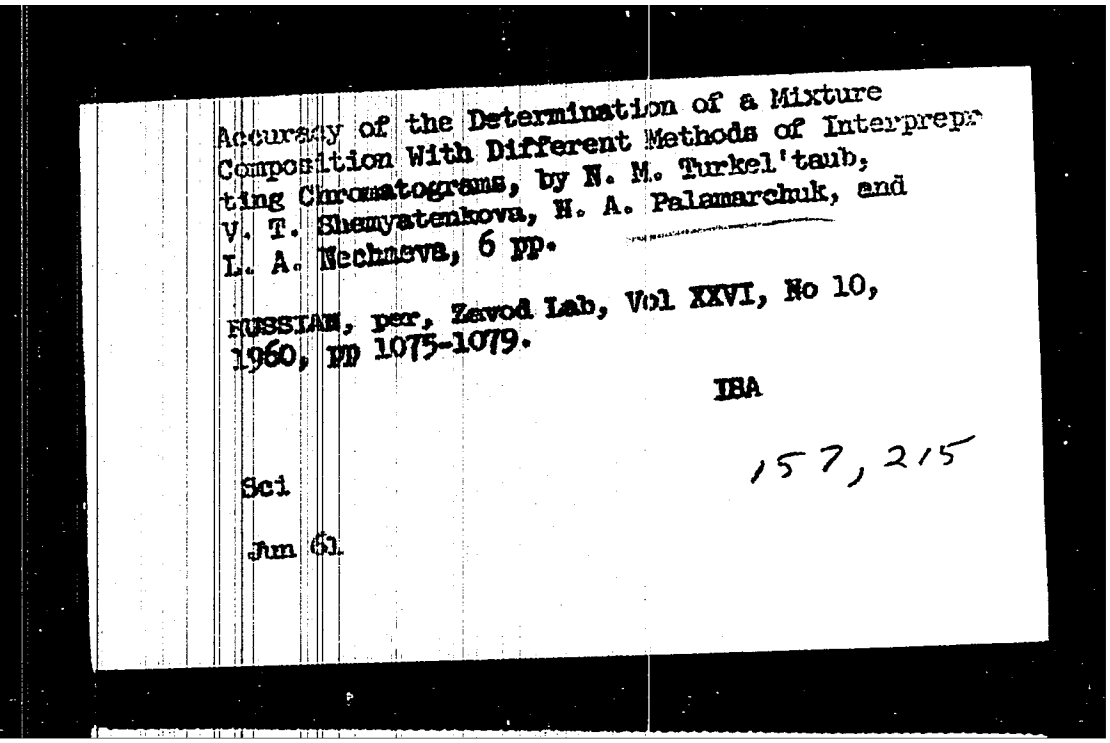
Sci - Biol

Jul 59

91,565

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Accuracy of the Determination of a Mixture Composition With Different Methods of Interpreting Chromatograms, by N. M. Turkel'taub, V. T. Shemyatenkova, N. A. Palamarchuk, and L. A. Nechmeva, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 10, 1960, pp 1075-1079.

IBA

157,215

Sci

Jun 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

(NY-2800)

THE INTERNATIONAL CONFERENCE ON THE PROBLEM OF "EVALUATING NUTRIENTS AND THE METHODS USED TO DETERMINE THEIR NUTRITIVE VALUE", BY E. PALAMARU, 6 PP.

RUMANIAN, PER, REVISTA INTERNATIONALA PENTRU AGRICULTURA, NO 3, 1962, PP 101-102.

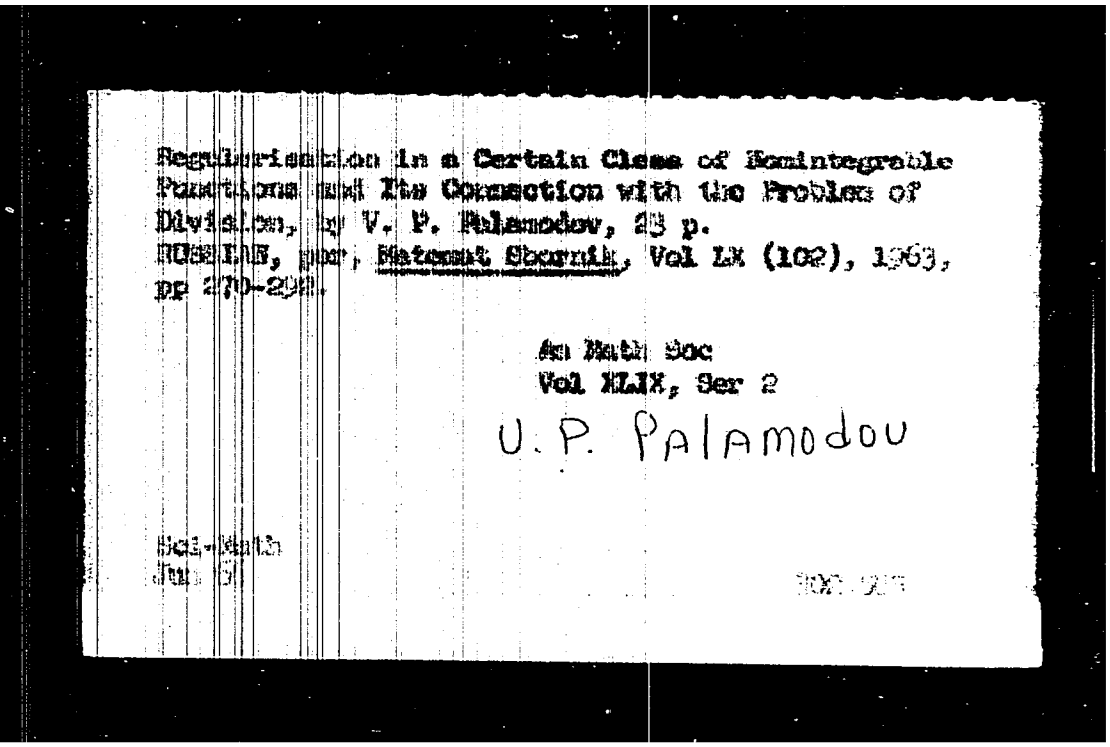
JPRS 14905

EEUR - SOVBLOC
ECON
AUG 62
SCI - CHEM

208,882

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Regularization in a Certain Class of Nonintegrable Functions and Its Connection with the Problem of Division, by V. P. Palamodov, 23 p.
USSR, Mat, Matem Sbornik, Vol LX (102), 1963, pp 270-290.

Am Math Soc
Vol XLIX, Ser 2

U. P. Palamodov

Bel-Math
Jan 65

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Underdetermined and Overdetermined Systems of Differential Equations With Constant Coefficients, by V. P. Palamodov,-5 pp. RUSSIAN, per, Dok Ak Nauk SSSR, Sov Math, Vol CLVI, No 6, 1964, pp 1288-1291.

Amer Math Soc
Sov Math - Doklady
Vol V, No 3

Sci
Oct 64

267,548

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Structure of Polynomial Ideals and Their Factor Spaces in Spaces of Indefinitely Differentiable Functions, by V. P. Palamodov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961, pp 1302-1305.

Amer Math Soc

Sci

Jun 62

203, 294

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Structure of Polynomial Ideals and Their Factor Spaces in Spaces of Indefinitely Differentiable Functions, by V. P. Palamodov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961, pp 1302-1305.

Amer Math Soc

Sci

Jun 62

203, 294

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

On the Theory of Hypoelliptic and Partially Hypoelliptic Operators, by V. P. Palamodov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, 1961, pp 1015-1018.

Amer Math Soc

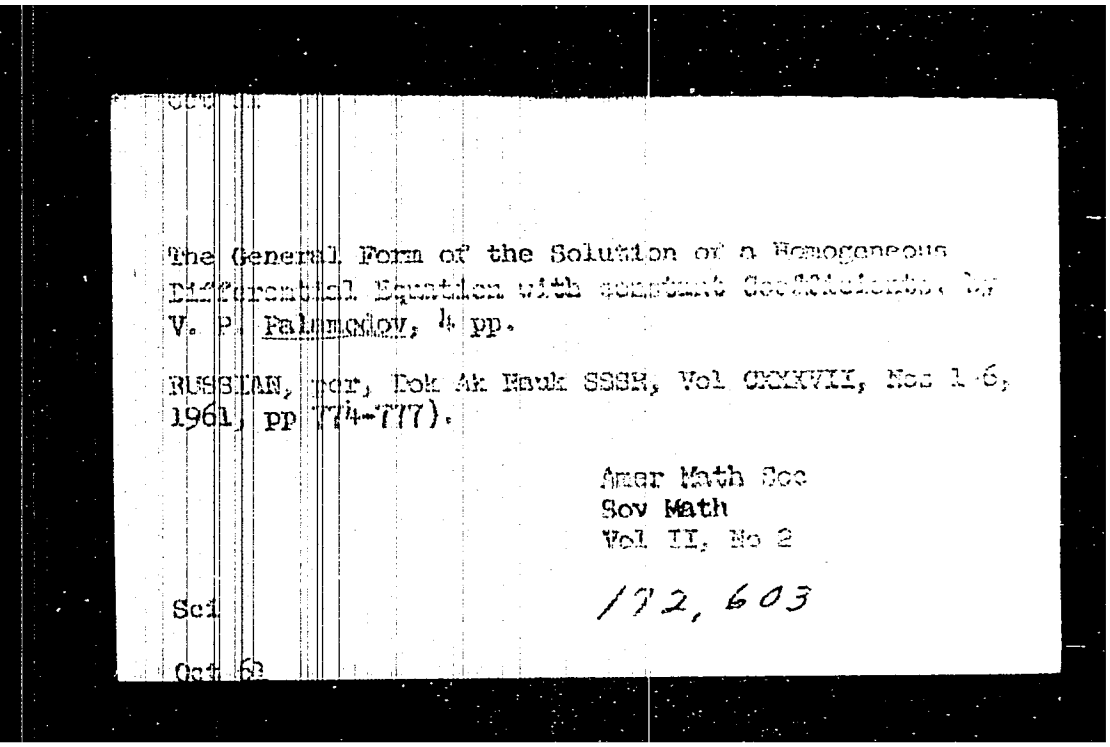
Sel

May 62

193,272

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



The General Form of the Solution of a Homogeneous Differential Equation with constant Coefficients, by V. P. Palamodov, 4 pp.

RUSSIAN, por, Dok Ak Nauk SSSR, Vol CXXXVII, Nos 1-6, 1961, pp 774-777).

Amer Math Soc
Sov Math
Vol II, No 2

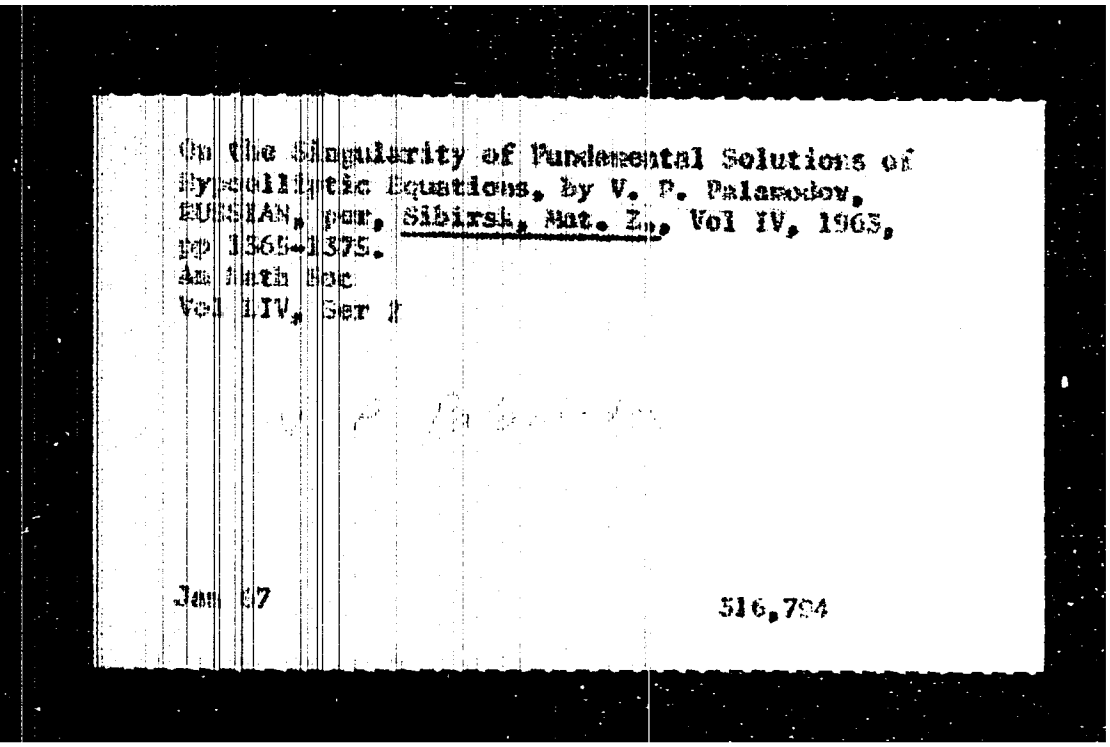
172,603

Sci

Oct 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



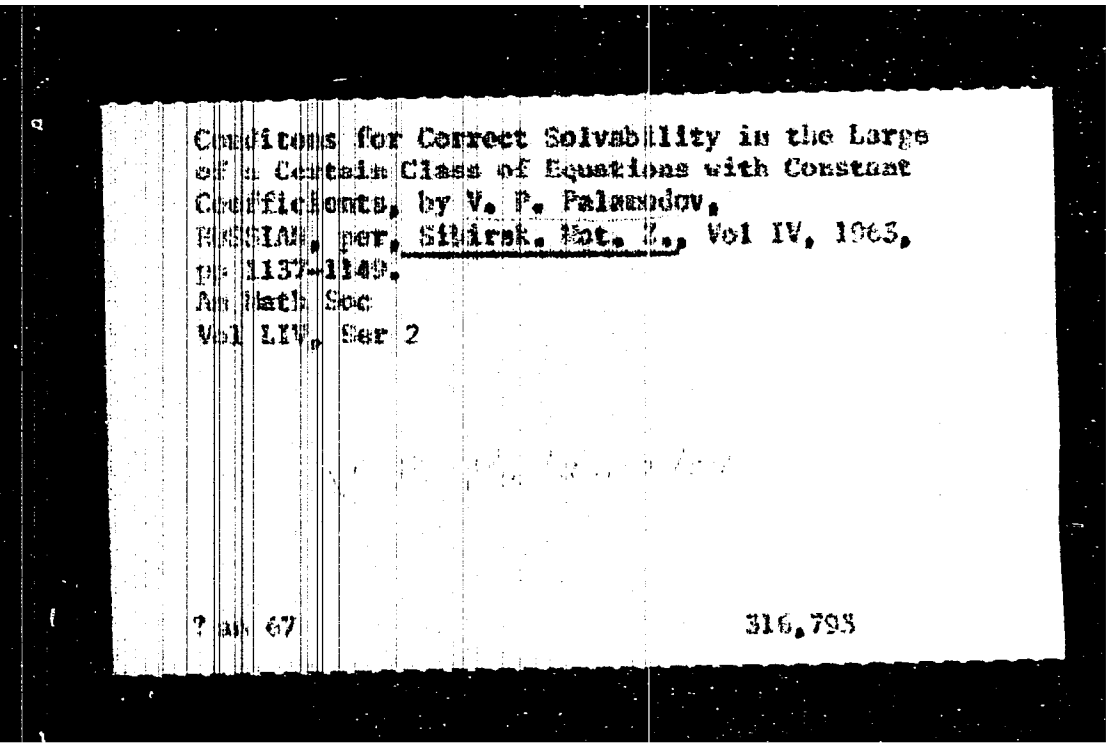
On the Singularity of Fundamental Solutions of Hyperolliptic Equations, by V. P. Palamodov, RUSSIAN, per, Sibirsk, Mat. Z., Vol IV, 1963, pp 1369-1375.
Am Math Soc
Vol LIV, Ser A

Jan 67

516,784

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Conditions for Correct Solvability in the Large of a Certain Class of Equations with Constant Coefficients, by V. P. Palamodov, RUSSIAN, per, Sibirsk. Mat. Z., Vol IV, 1963, pp 1137-1149.
Am Math Soc
Vol LIV, Ser 2

? Jan 67

316,793

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The General [illegible] Form of Solutions to Linear Differential Equations With Constant Coefficients, by V. P. Palamodov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLIII, No 6, 1962, pp 1278-1281.

Amer Math Soc
Sov Math - Dok
Vol III, No 2

211, 3-94

Sci - Math

Sep 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Method of Measuring the degree of Annealing of Copper for Conductors, by G. Palandri, 18 pp

ITALIAN, per, L'Elettrotecnica, Vol XXXV, No 5, May 1948, pp 239-243. (Loan Copy Only).

SLA 57-3008

Sci
Aug 58

71,032

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Polyethylene and Its Application to Electric Cables, by G. Palandri, U. Pelagatti, 41 pp.

ITALIAN, per, Rend AEI, Oct 1954, pp 3-10.

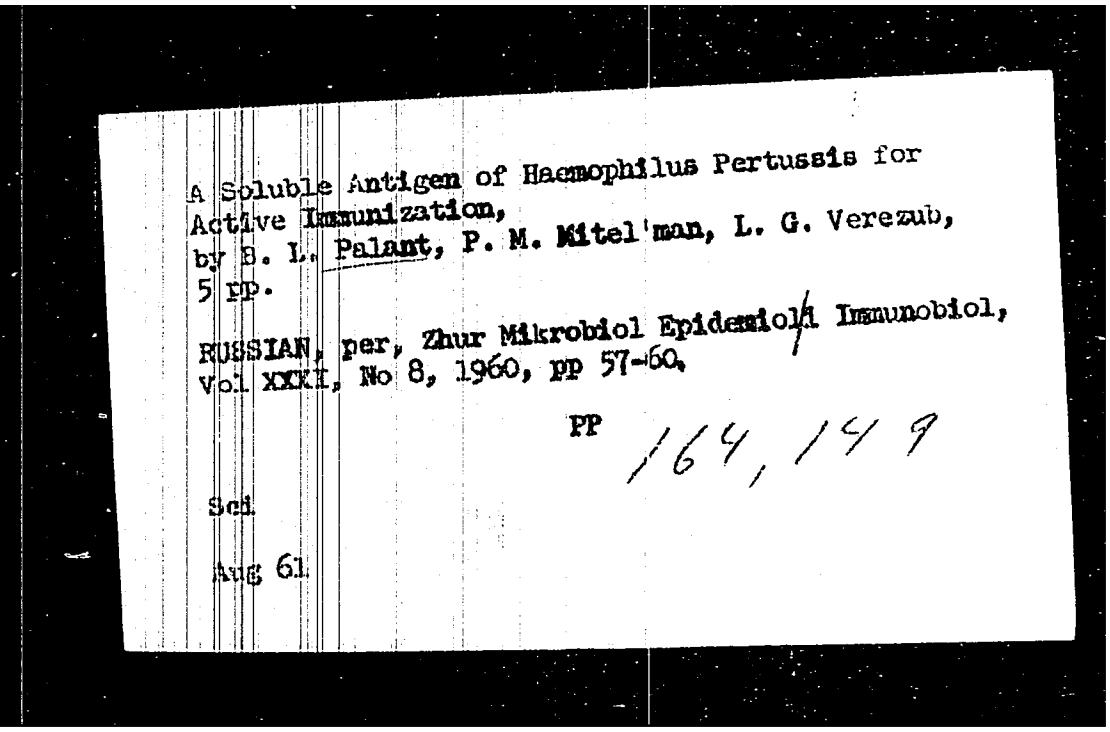
SLA Tr 57-1006

Sci - Electronics
Jan 58

57, 624

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



A Soluble Antigen of Haemophilus Pertussis for Active Immunization,
by B. L. Palant, P. M. Mitel'man, L. G. Verezub,
5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXXI, No 8, 1960, pp 57-60.

PP 164, 149

Sci

Aug 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Correlation of the Upper Permian Red-Bed Sections by Ostracods, by I. B. Palant, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2, 1953, pp 146-149.

Consultants Bureau

Sci - Geophys

Mar 59

83,077

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Melting of Cr-Mo-Al Steel in 110-ton Basic Open-hearth Furnace, by I. G. Arzamastsev, V. I. Palant.

RUSSIAN, per, Stal, Vol IV, No 7-8, 1944.

Brutcher Tr No 2814

Scientific - Minerals/Metals

$2.85 XXX

14,536

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

A Test for the Completeness of the System of Eigenvectors and Adjoint Vectors of a Polynomial Bundle of Operators, by Yu. A. Palant, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961, pp 558-560.

Amer Math Soc

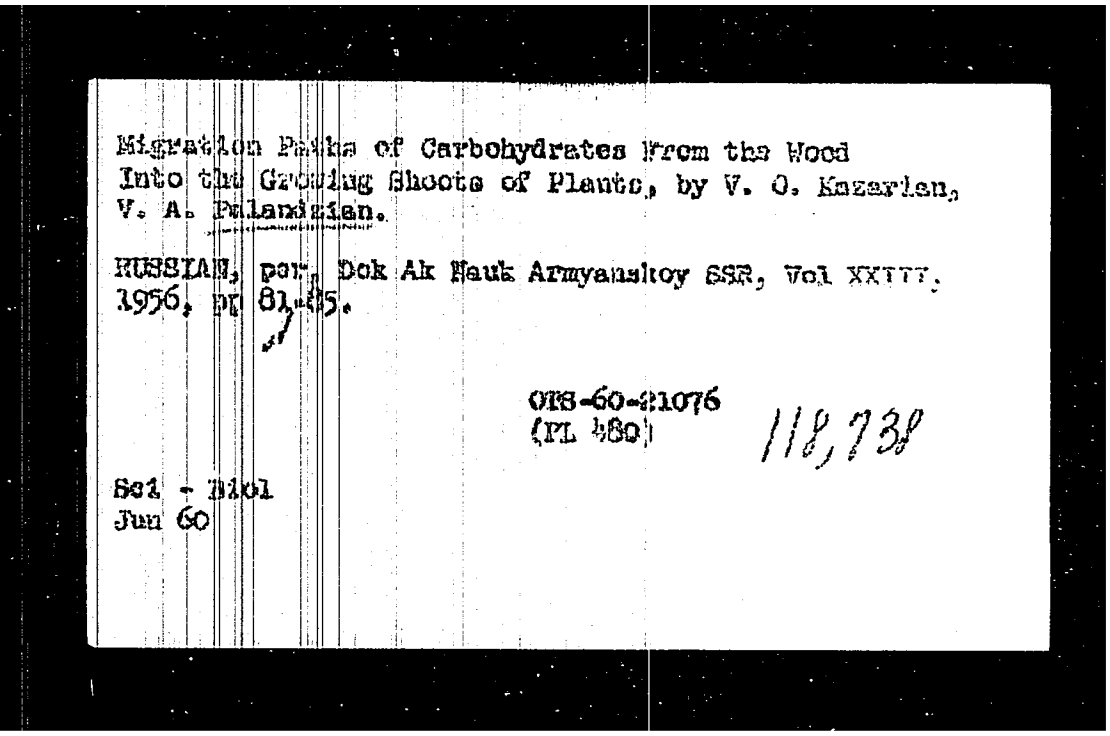
Sci

Jun 62

200,858

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Migration Paths of Carbohydrates from the Wood Into the Growing Shoots of Plants, by V. O. Kazarian, V. A. Palandzian.

RUSSIAN, per. Dok Ak Nauk Armyanskoy SSR, Vol XXIII, 1956, pp 81-85.

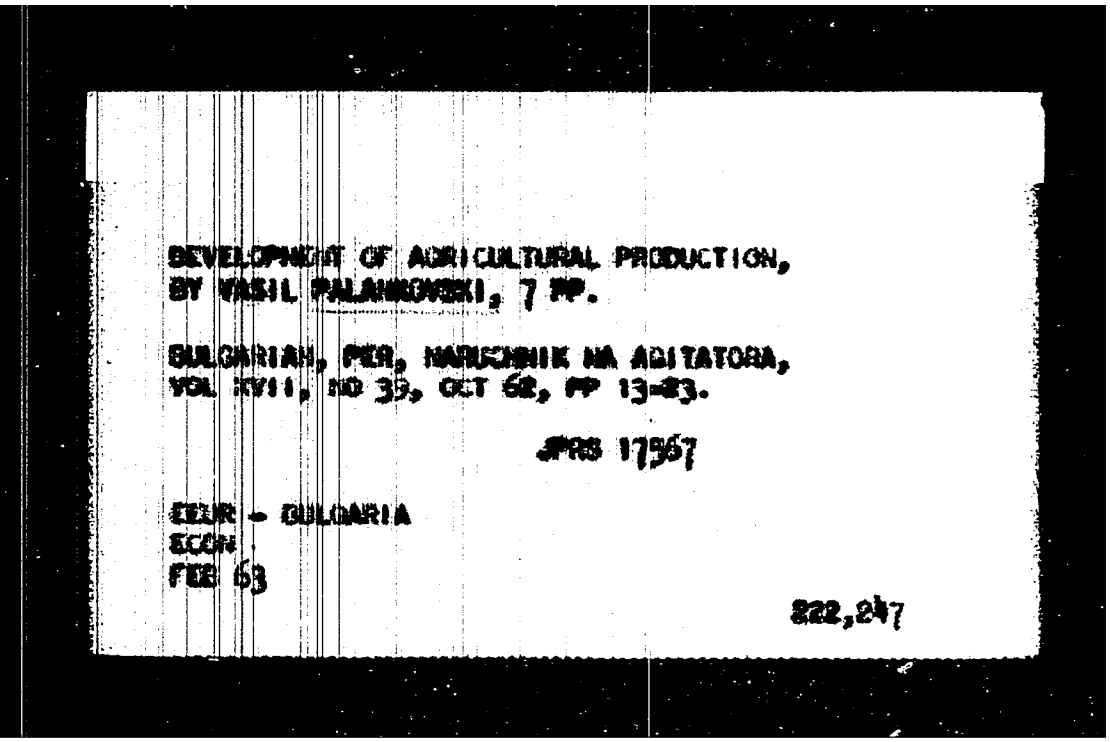
OTS-60-21076
(PL 480)

118,738

Sci - Biol
Jun 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



DEVELOPMENT OF AGRICULTURAL PRODUCTION,
BY VASIL PALAMUDOVSKI, 7 PP.

BULGARIAN, PER, NARUCHNIK NA AGITATORA,
VOL XVII, NO 23, OCT 62, PP 13-23.

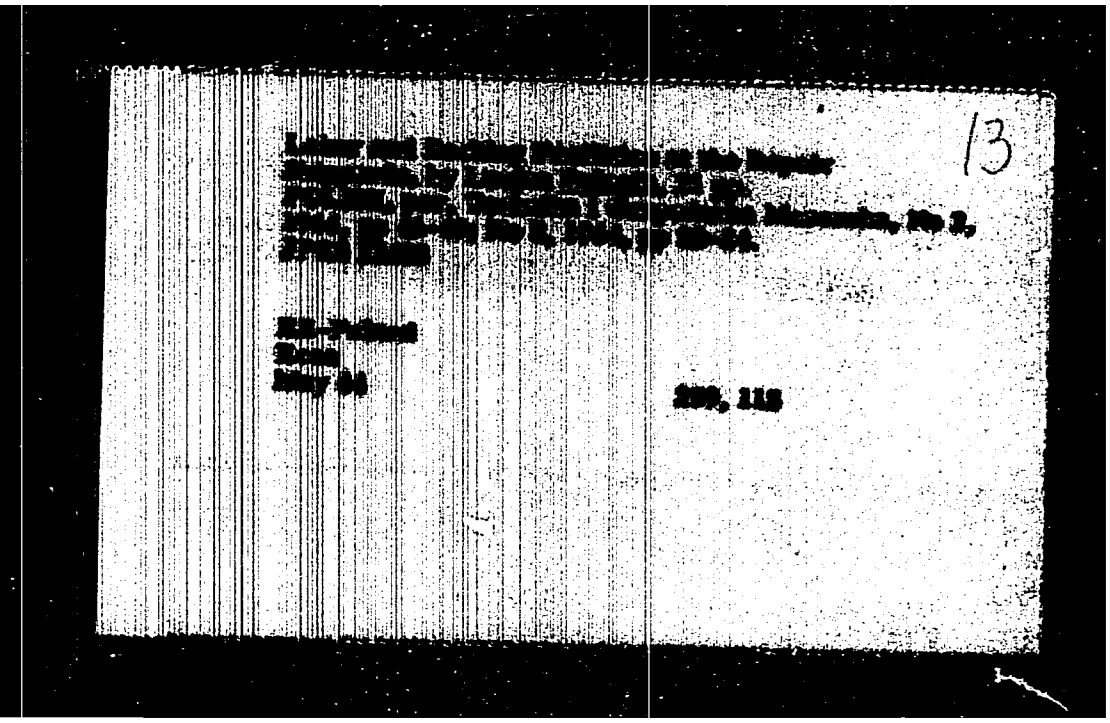
JPRS 17567

EEUR - BULGARIA
ECON
FEB 63

822,247

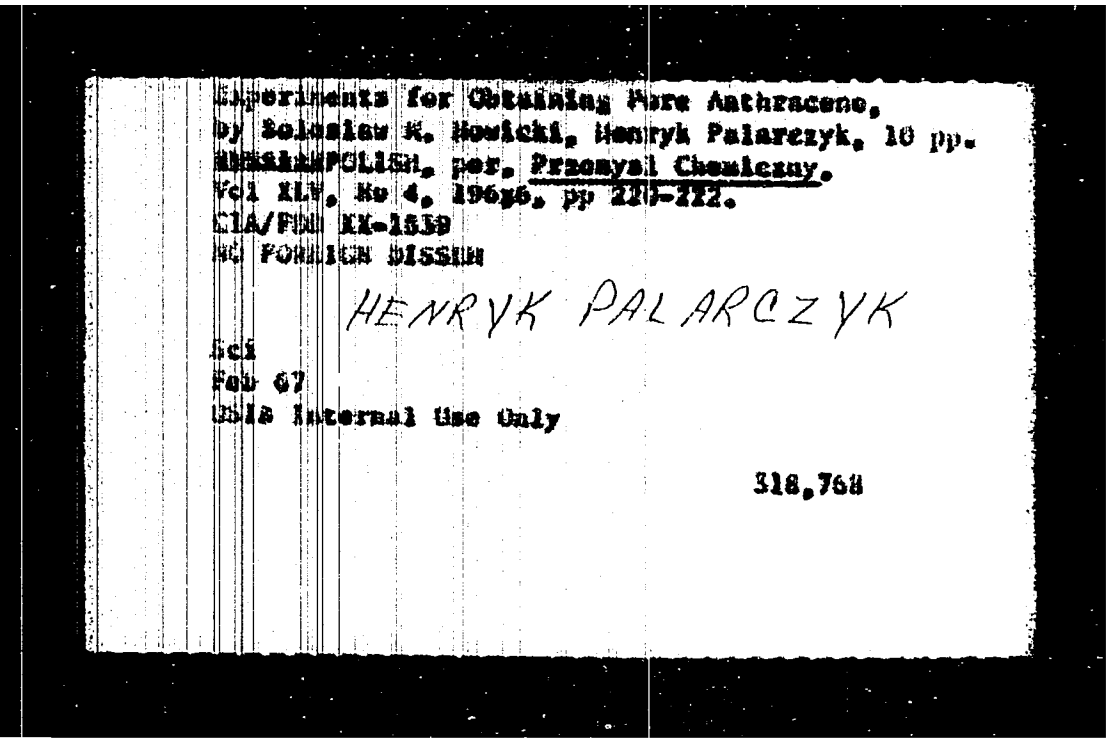
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Experiments for Obtaining Pure Anthracene,
by Zolosiew K. Nowicki, Henryk Palarczyk, 10 pp.
[illegible]POLISH, per. Przemysl Chemiczny,
Vol XLV, No 4, 1966, pp 221-222.
CIA/FDD XX-1539
NO FOREIGN DISSEM

HENRYK PALARCZYK

Sci
Feb 67
DDIS Internal Use Only

318,768

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

(NY-6165/48)

The 1960 Economic Development of the CEMA Countries, by M. Virius, J. Palaskova, 8 pp.

CZECH, per, Zahranicni Obchod, No 3, 1961, pp 11-15, 18, 21-22.

JPRS 9770

EEur - Soviet Bloc

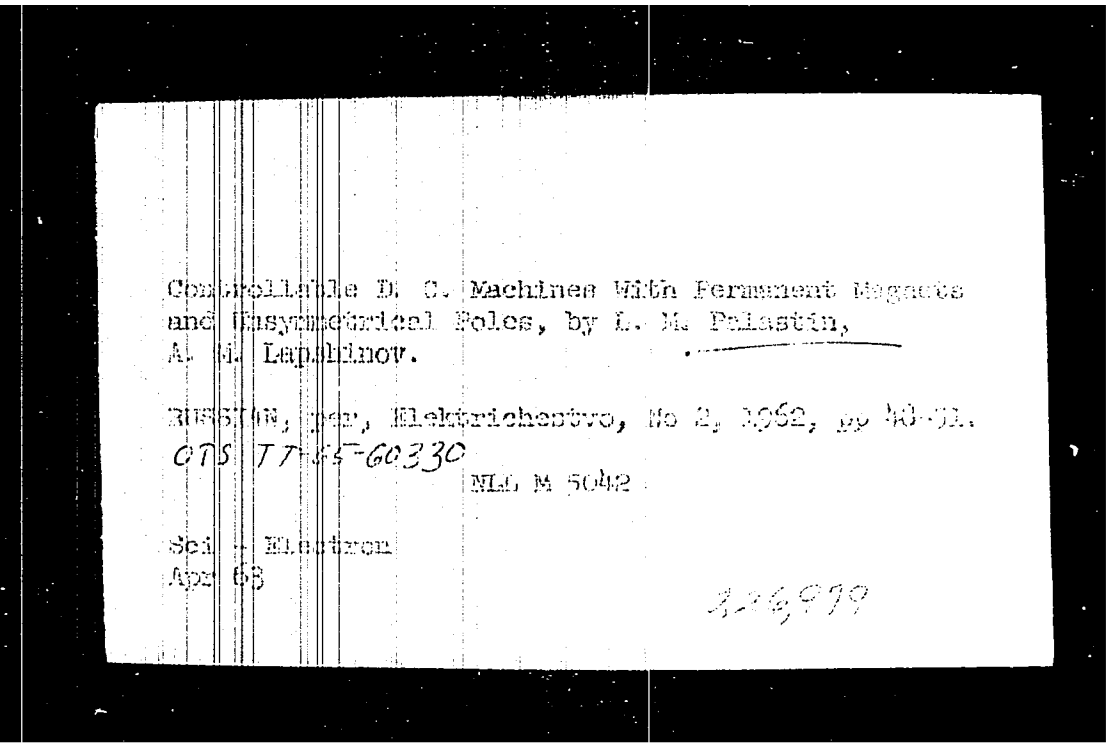
Econ

Aug 61

1611029

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Controllable D. C. Machines With Permanent Magnets and Unsymmetrical Poles, by L. M. Palastin, A. M. Lapshinov.

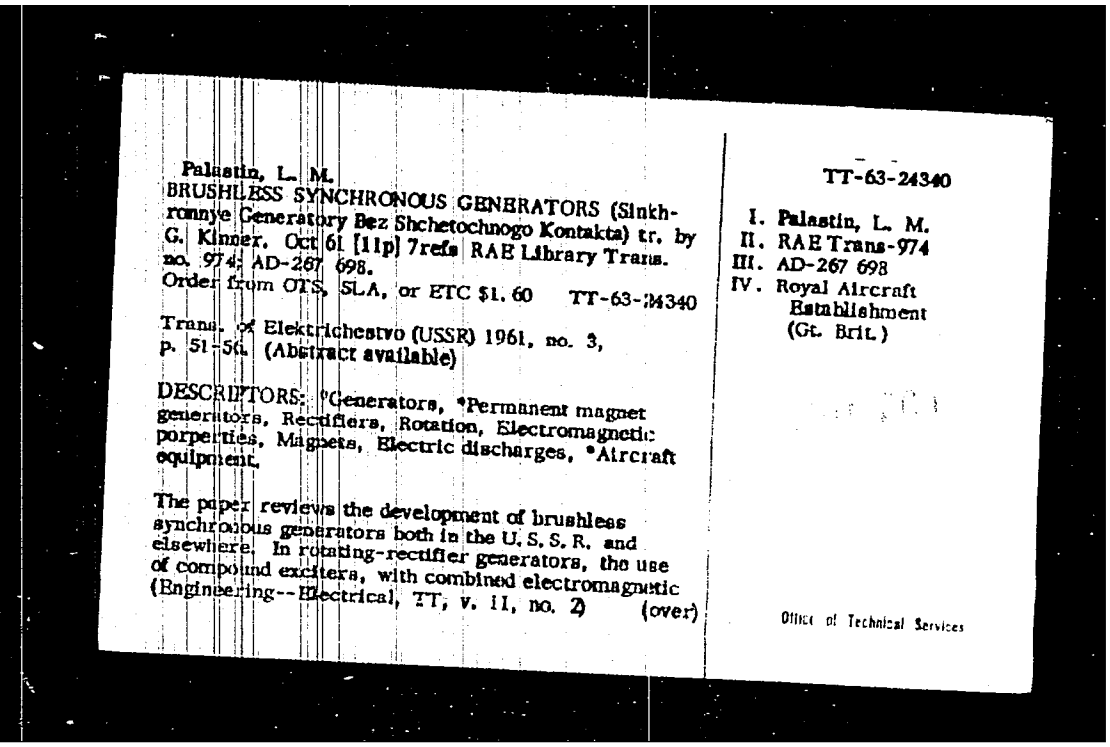
RUSSIAN, per, Elektrichestvo, No 2, 1962, pp 80-81.
OTS TT-65-60330
MLL M 5042

Sci - Electron
Apr 68

A-216,919

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Palastin, L. M.
BRUSHLESS SYNCHRONOUS GENERATORS (Sinkhronnye Generatory Bez Shchetochnogo Kontakta) tr. by G. Kinner. Oct 61 [11p] 7refs RAE Library Trans. no. 974; AD-267 698.
Order from OTS, SLA, or ETC $1.60 TT-63-24340

Trans. of Elektrichestvo (USSR) 1961, no. 3, p. 51-56. (Abstract available)

DESCRIPTORS: *Generators, *Permanent magnet generators, Rectifiers, Rotation, Electromagnetic porperties, Magnets, Electric discharges, *Aircraft equipment.

The paper reviews the development of brushless synchronous generators both in the U. S. S. R. and elsewhere. In rotating-rectifier generators, the use of compound exciters, with combined electromagnetic
(Engineering--Electrical, TT, v. 11, no. 2) (over)

TT-63-24340

I. Palastin, L. M.
II. RAE Trans-974
III. AD-267 698
IV. Royal Aircraft Establishment (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Three - Phase Synchronous Generator, by
L. M. Palastin.

RUSSIAN,

FTD-TT-64-486

Sci
Dec 64

270,411

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Contactless Single - Phase Synchronous Generator, by L. M. Palastin.

RUSSIAN,

FTD-TT-64-483

Sci
Dec 64

270,409

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

(DC-2800/19)

Naval Hardening (Northern Fleet Submarine Training), by V. Palastrov, 3 pp.

RUSSIAN, np, Sovet Flot, No 90 (6111), 15 Apr 1960, p 2.

JPRS 3576

USSR

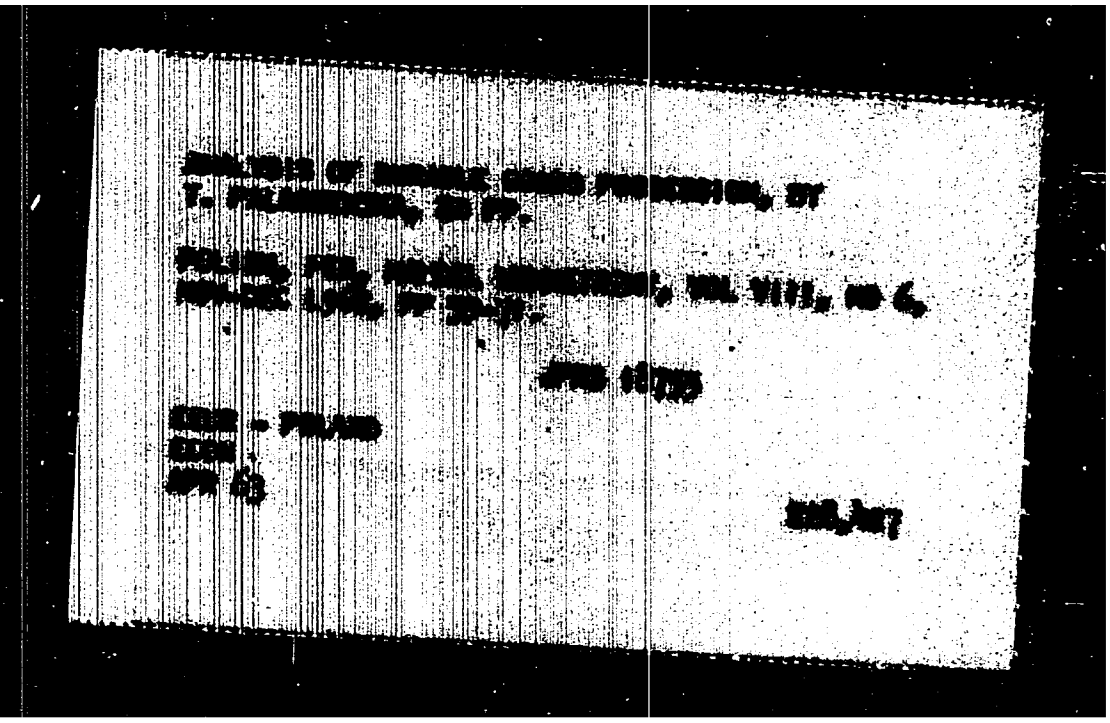
Mil

Aug 60

121, 534

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

DURABLE GOODS MARKET, BY TERESA PALASZEWSKA,
8 PP.

POLISH, PER, ZYCIE GOSPODARCZE, NO 32, 12 AUG 1962,
P 4.

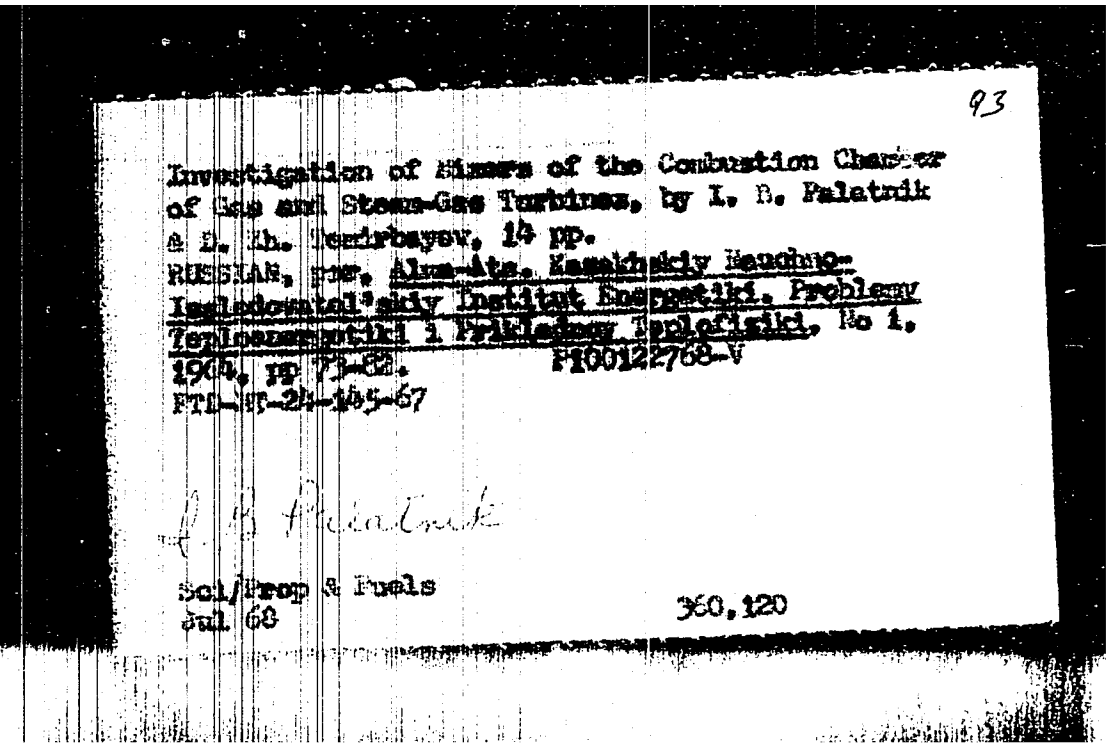
JPRS 15394

EEUR - POLAND
ECON
OCT 62

213,834

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



93

Investigation of Blowers of the Combustion Chamber of Gas and Steam-Gas Turbines, by I. B. Palatnik & D. Kh. Tembrayev, 14 pp.
RUSSIAN, pub. Alma-Ata, Kazakhskiy Nauchno-Issledovatel'skiy Institut Energetiki, Problemy Teploenergetiki i Prikladnoy Teplofiziki, No 1, 1964, pp 73-82.
FTD-HT-24-165-67 FI0012768-V

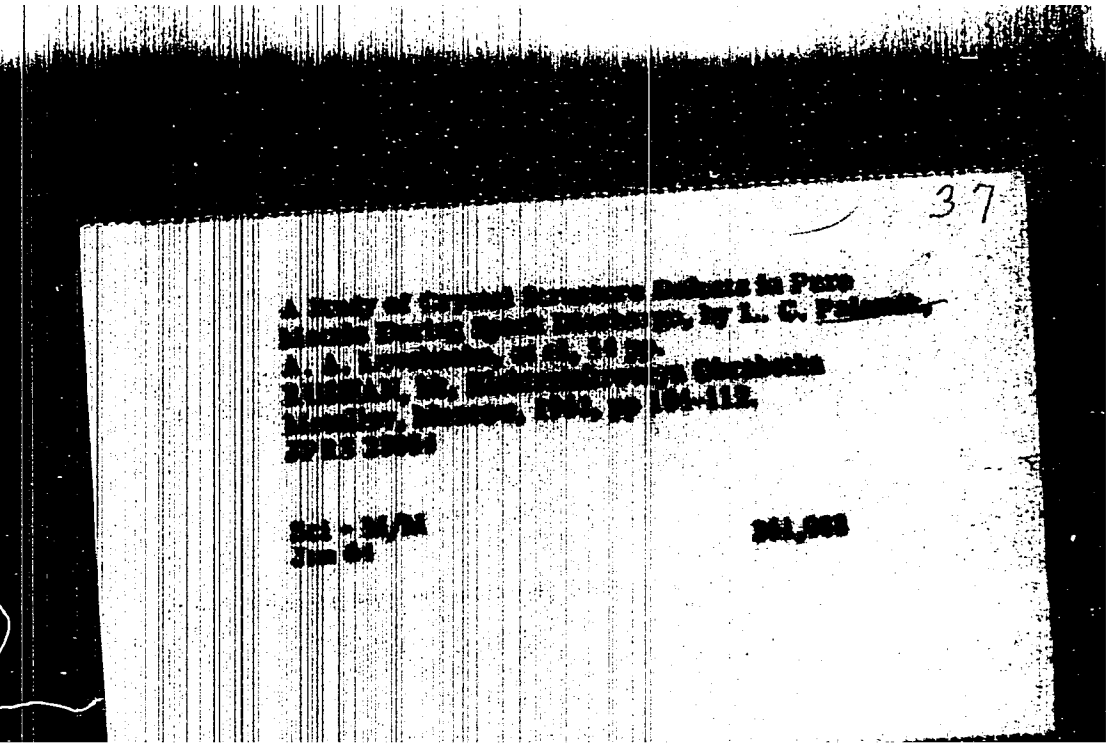
I. B. Palatnik

Sol/Prop & Fuels
Jul 68

360,120

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Analysis of Multicomponent Heterogeneous Systems by the Generalized Center of Gravity Rule, by L. C. Palatnik, V. M. Kontorovich, 18 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 9, 1954, pp 1599-1614.

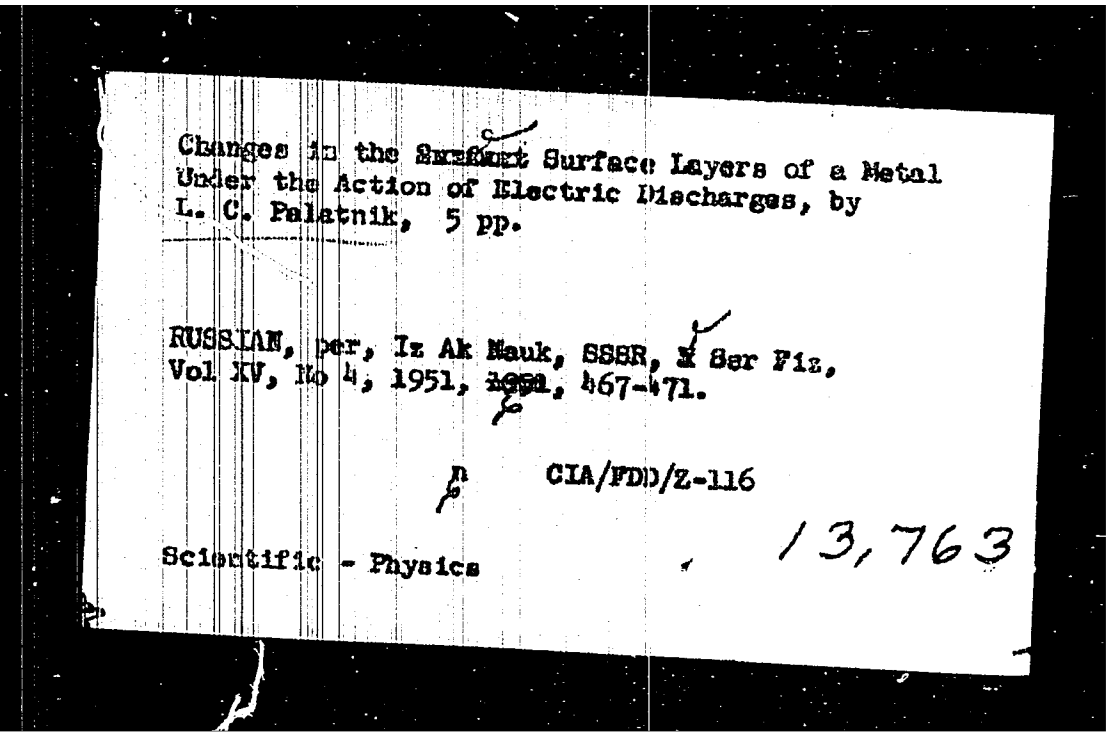
SIA 59-10737

Sci
Nov 59
Vol 2, No 3

101, 718

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Changes in the Surface Surface Layers of a Metal Under the Action of Electric Discharges, by L. C. Palatnik, 5 pp.

RUSSIAN, per, Iz Ak Nauk, SSSR, Ser Fiz, Vol XV, No 4, 1951, 467-471.

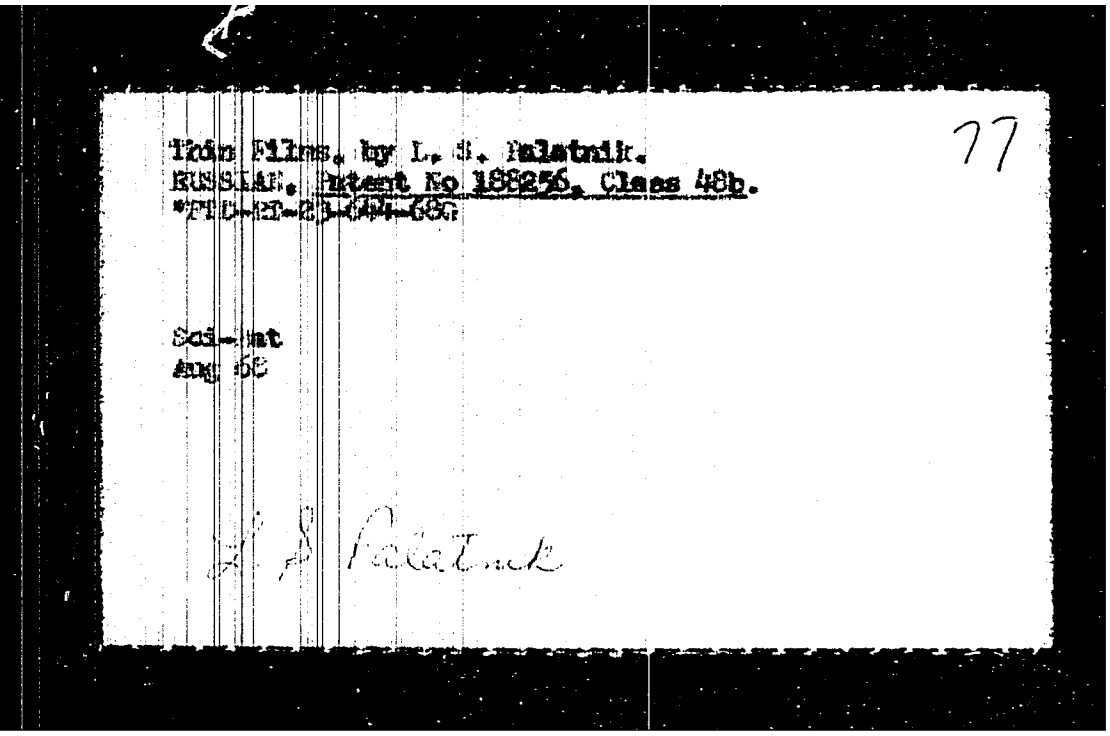
CIA/FDD/Z-116

13,763

Scientific - Physics

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Iron Films, by L. D. Palatnik.
RUSSIAN. Patent No 188256, Class 48b.
*FTD-ID-23-644-66

77

Sci-Int
Aug 66

L. D. Palatnik

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Palatnik, L. S. and Landau, A. I.
PHASE EQUILIBRIA IN MULTICOMPONENT SYSTEMS, 1963, 420p
Order from Scripta Technica, Inc., 1000 Vermont Ave., N. W., Washington, 5, D. C.

Trans. of mono. [Fazovye Ravnoveniya v Mnogokomponentnykh Sistemakh, Kharkov, 1961, 405p].

DESCRIPTORS: Thermodynamics, *Phase studies, Mathematical analysis.

Holt, Rinehart and Winston, Inc.

(Physics--Thermodynamics, TT, v. 10, no. 12)

63-22643

I. Title: Multicomponent systems
I. Palatnik, L. S.
II. Landau, A. I.
III. Scripta Technica, Inc., Washington, D. C.

6236

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Concerning the Ordering Mechanism in Ternary Semiconductor Compounds, by L. S. Palatnik and V. M. Koshkin, pp 5.

RUSSIAN, per. Fiz Tverdogo Tela, Vol IV, No 9, 1962, pp 2365-2371.

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 9

340,592

Sci

Jun 63

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Texture of Material Deposited on an Amorphous Backing, by L. S. Palatnik, Yu. F. Komnik, 3 pp.

RUSSIAN, per, Kristallografi.a, Vol V, No 5, 1960, pp 775-778.

AIP
Sov Phys - Crystall
Vol V, No 5

Sci

Aug 62

206,663

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Ternary Semiconducting Compounds Containing Copper and Elements From Groups IV, and VI, by
L. S. Palatnik, Yu. F. Komnik, et al, 4 pp.

RUSSIAN, Per, Kristallografiya, Vol VI, No 6, 1961, pp 960-964.

AIP
Sov Phys - Crystall
Vol VI, No 6

Sci
Jul 62

205,384

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

On the Microheterogeneous Condensation of Metals in Vacuum, by L. S. Palatnik, N. T. Gladkikh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 3, 1961, pp 567-.

AIP
Sov Phys - Dok
Vol VI, No 9

196,548

Sc:1

May 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Formation of Dislocations in Crystals of ~~XXXXXX~~ Bismuth, Antimony and Zinc by the Action of Spark Discharges, by L. S. Palatnik, A. A. Levchenko, et al, 6 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 4, 1961, pp 591-598.

AIP
Sov Phys - Crystall
Vol VI, No 4

Sci
23 Jul 62

203,936

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Secondary (Lower) Limit Condensation Temperature for In, Sn, Pb, and Bi, by L. S. Palatnik, N. T. Gladkikh, et al, 3 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 1, 1962, pp 202-206.

AIP
Sov Phys - Solid State
Vol IV, No 1

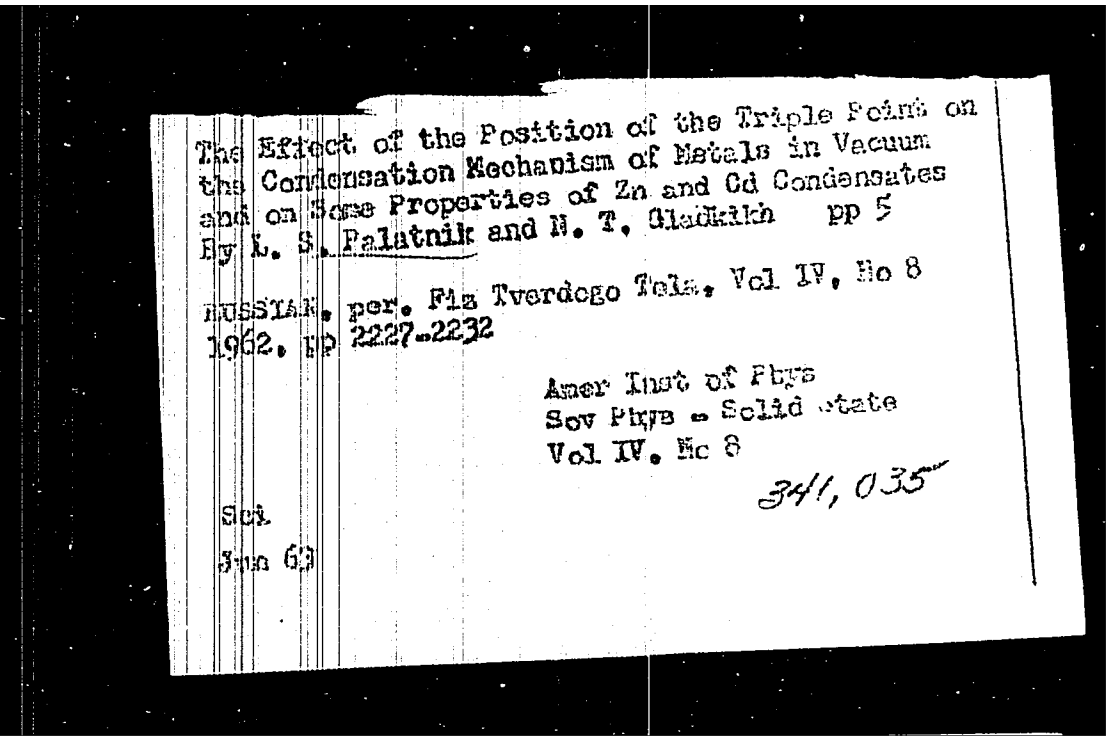
Sci

Sep 62

210,506

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



The Effect of the Position of the Triple Point on the Condensation Mechanism of Metals in Vacuum and on Some Properties of Zn and Cd Condensates
By L. S. Palatnik and N. T. Gladkikh pp 5

RUSSIAN per. Fiz Tverdogo Tela, Vol IV, No 8 1962, pp 2227-2232

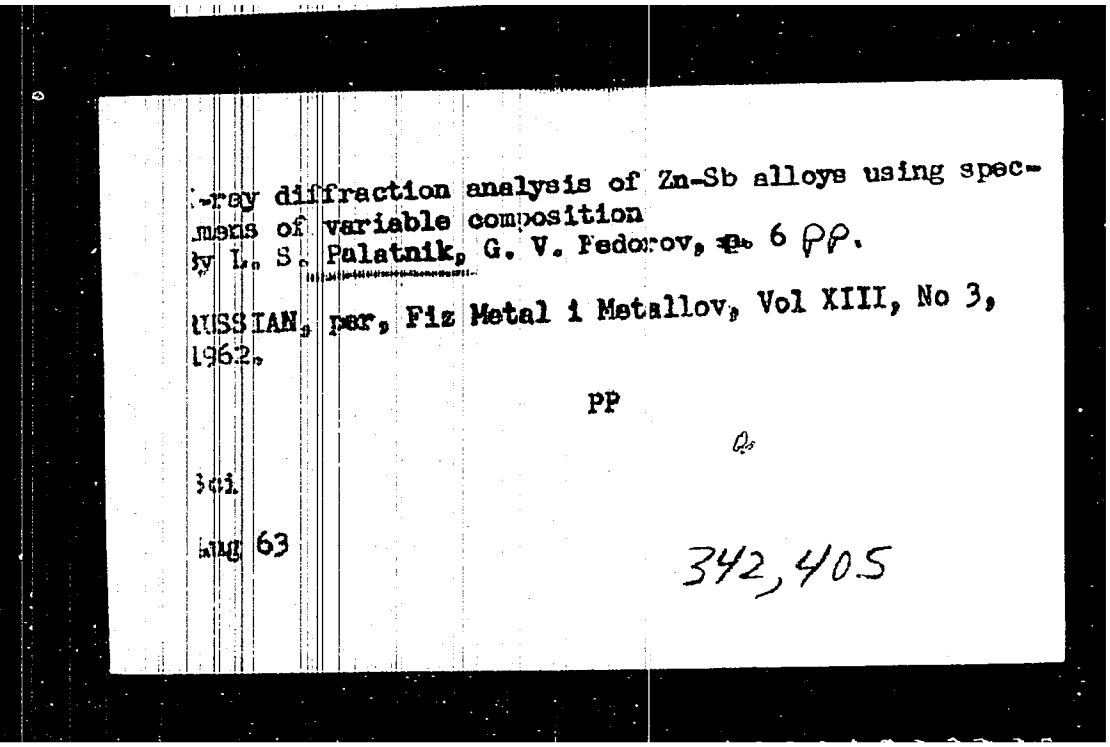
Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 8

341,035

Sci
Jun 63

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



X-ray diffraction analysis of Zn-Sb alloys using specimens of variable composition
by L. S. Palatnik, G. V. Fedorov, 6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 3, 1962.

pp

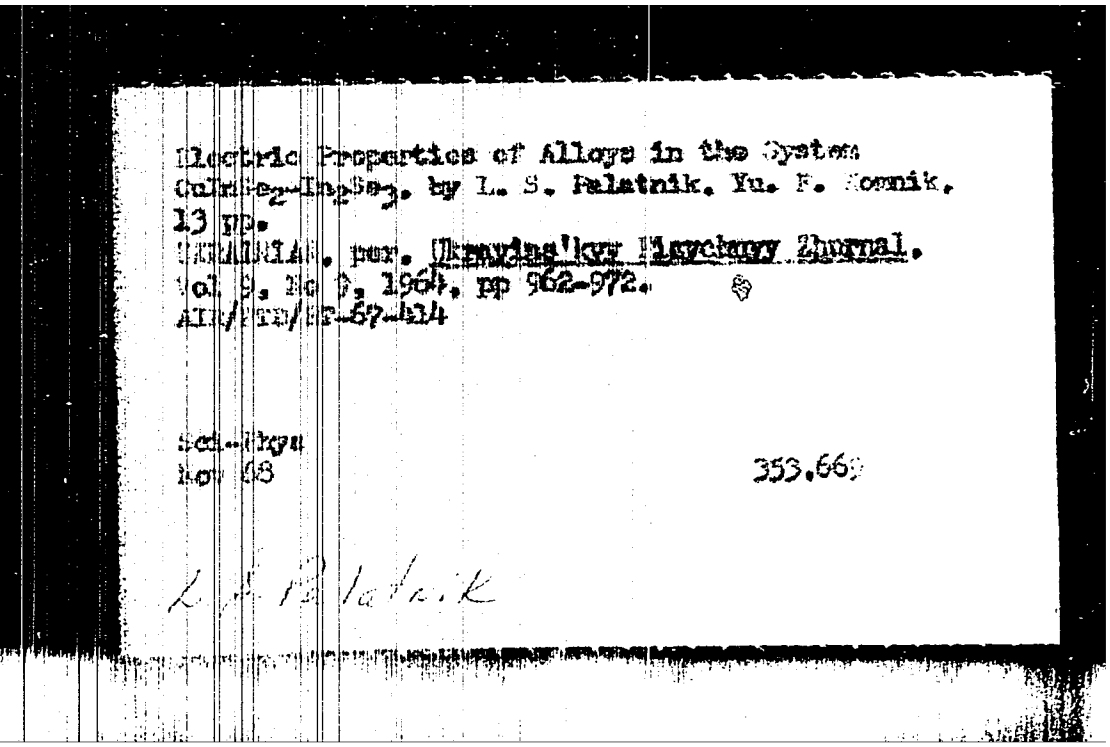
Sci.

Aug 63

342,405

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Electric Properties of Alloys in the System
CuInTe2-In2Te3. by L. S. Palatnik, Yu. F. Komnik.
13 pp.
[illegible], per. [illegible] Zhurnal.
Vol. 9, No 5, 1964, pp 962-972.
AI[illegible]-67-434

Sci-Tech
Lo: 68

353.669

L. S. Palatnik

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

in Electron diffraction analysis of the substructure of thin films of aluminium, silver and gold condensed in a vacuum

By L. S. Palatnik, B. T. Boiko, 5pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 1, 1962.

pp

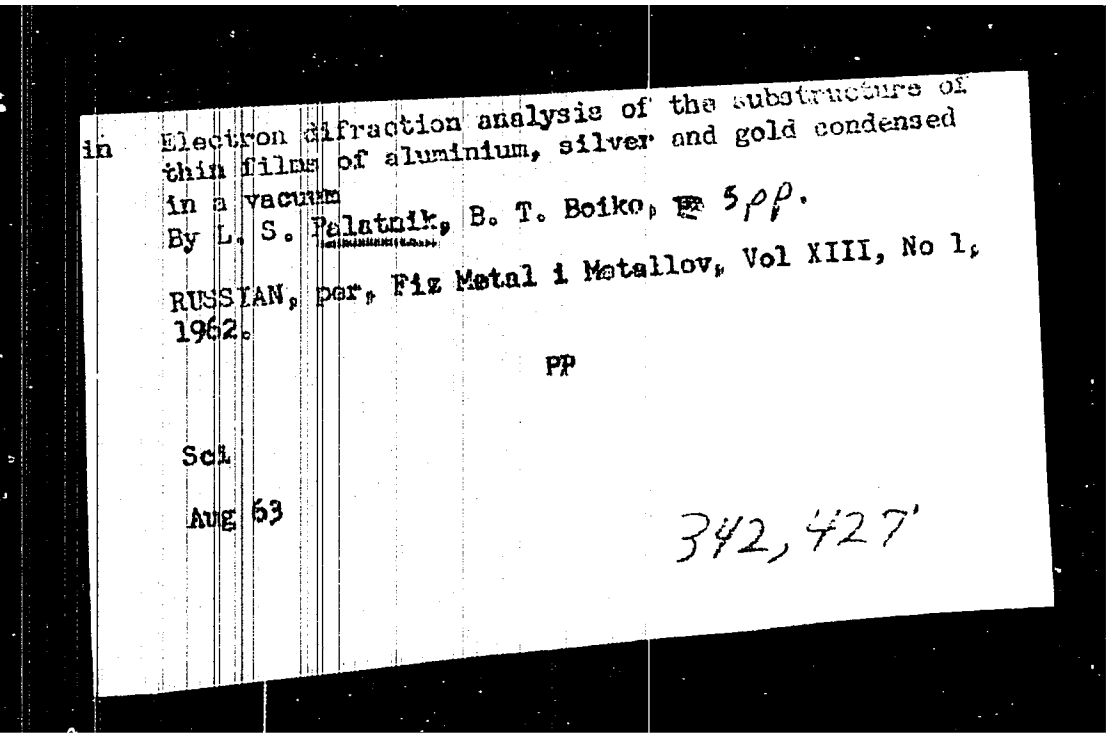
Sci

Aug 63

342,427

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



in Electron diffraction analysis of the substructure of thin films of aluminium, silver and gold condensed in a vacuum
By L. S. Palatnik, B. T. Boiko, 5pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 1, 1962.

PP

Sci

Aug 63

342,427

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

10 467 US-4
US-5

L. S. PALATNIK, I. M. KOPELEVICH

Topoanalytical investigation of equilibrium diagrams for multi-component eutectic systems, I and II

Zhur. Fiz. Khim. (USSR), 30, No. 9, 1948-1958, 31, No. 5, 952-958 (1956)

3710. $ 4.80 (ph), $ 2.70 (mf), 60-17712 - English

E u r a t o m

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Aging of Chromium Stainless Steels, by L. Ruk Palatnik, V. Barkov.

RUSSIAN, per, Metallurg, Vol XV, No 11-12, 1940.

Brutcher Tr 1306

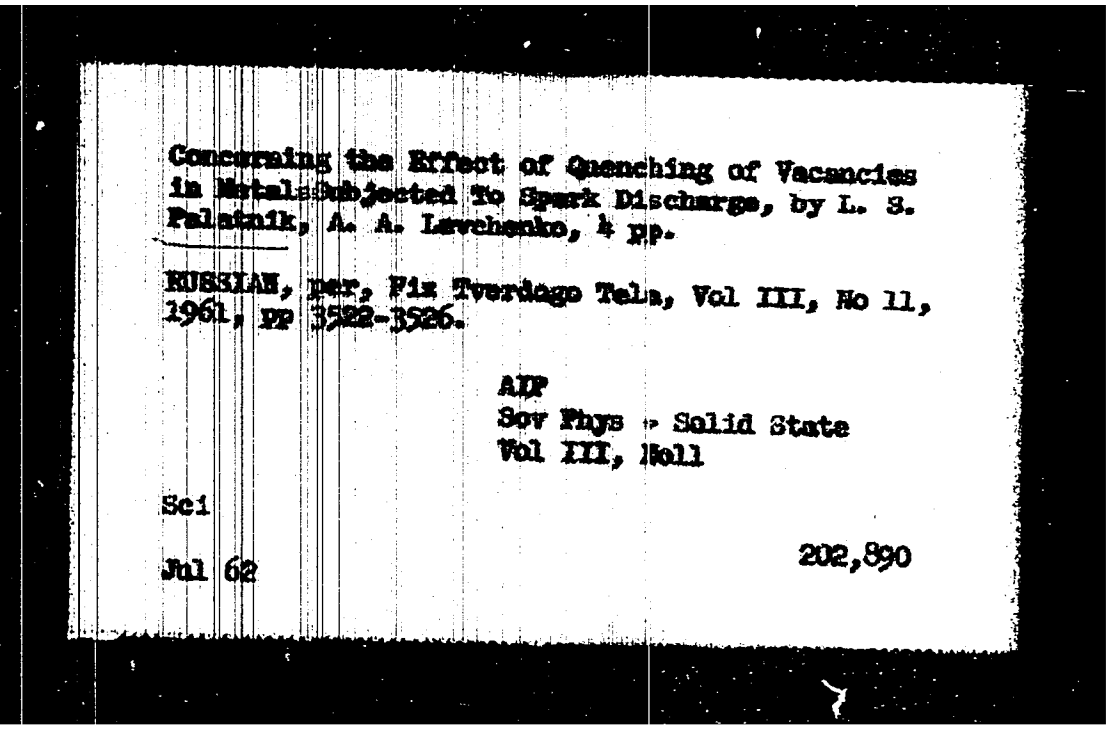
Scientific - Minerals/Metals

$1.85

14,440

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Concerning the Effect of Quenching of Vacancies in Metals Subjected to Spark Discharge, by L. S. Palatnik, A. A. Levchenko, 4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 11, 1961, pp 3522-3526.

AIP
Sov Phys - Solid State
Vol III, No 11

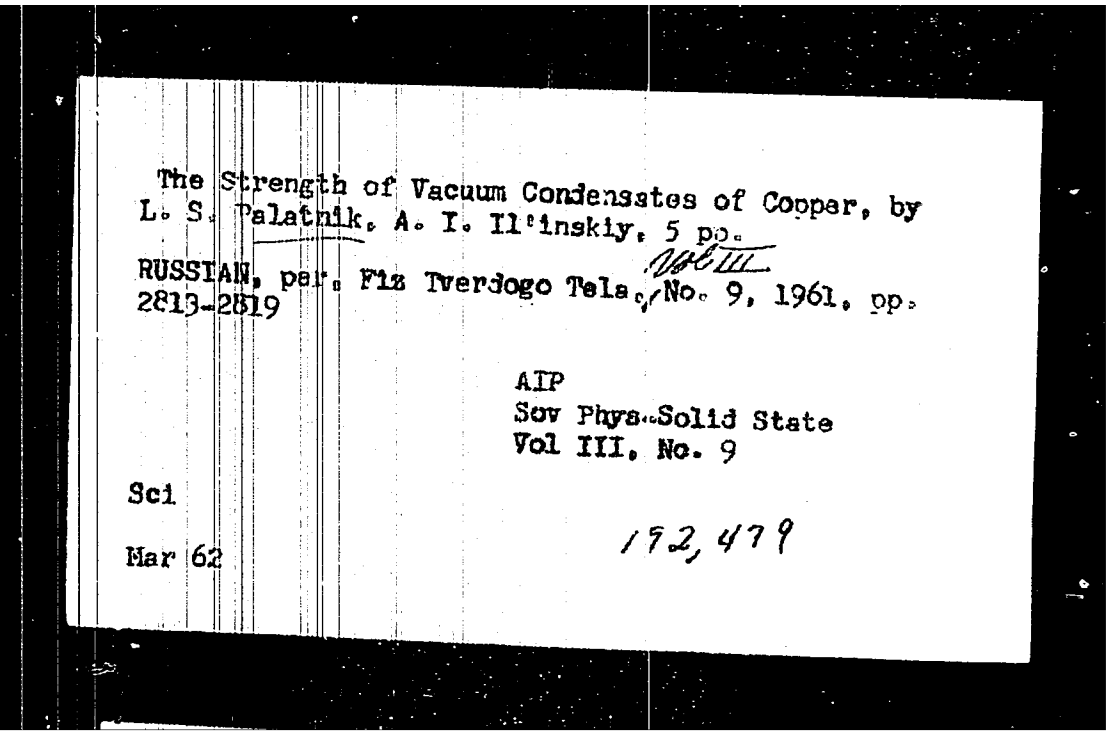
Sci

Jul 62

202,890

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



The Strength of Vacuum Condensates of Copper, by L. S. Palatnik, A. I. Il'inskiy, 5 pp.

RUSSIAN, per. Fiz Tverdogo Tela, No. 9, 1961, pp. 2813-2819

AIP
Sov Phys.-Solid State
Vol III, No. 9

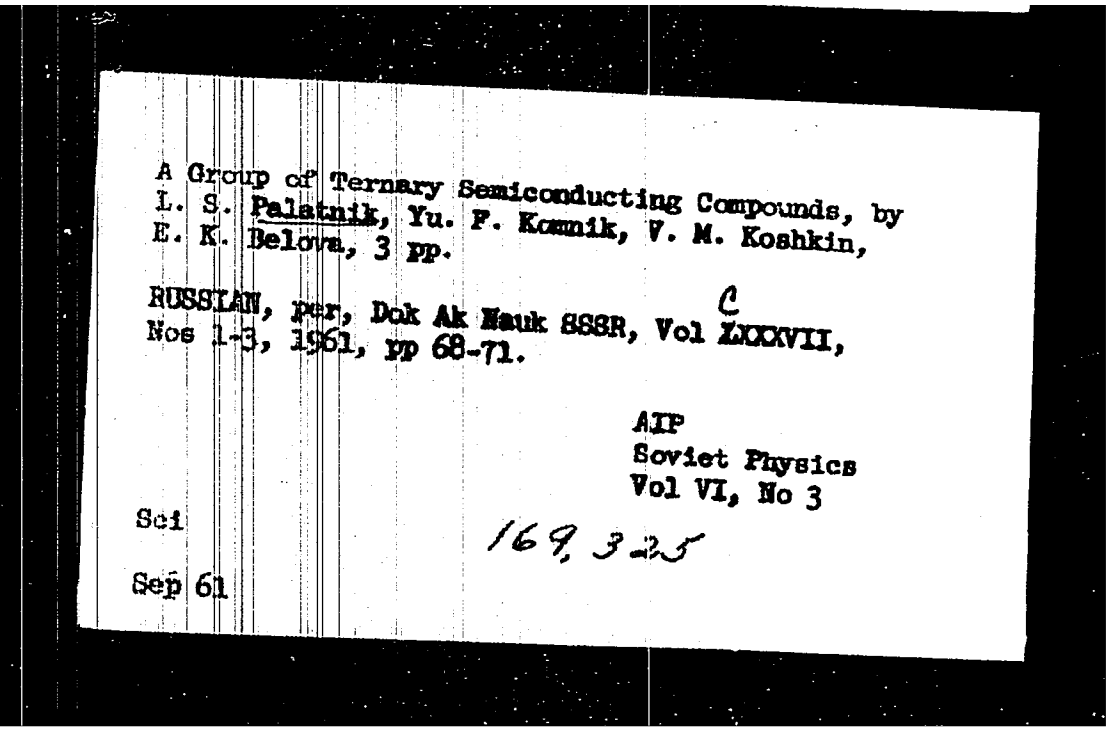
Sci

Mar 62

172,479

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



A Group of Ternary Semiconducting Compounds, by L. S. Palatnik, Yu. F. Komnik, V. M. Koshkin, E. K. Belova, 3 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol LXXXVII, Nos 1-3, 1961, pp 68-71.

C

AIP
Soviet Physics
Vol VI, No 3

Sci

169,325

Sep 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Ordering of the Second Kind in the Intermediate Austenitic Conversion, by L. S. Palatnik, I. A. Tananko, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 4, 1960, pp 821-824.

AIP
Sov Phys- Doklady
Vol V, No 4

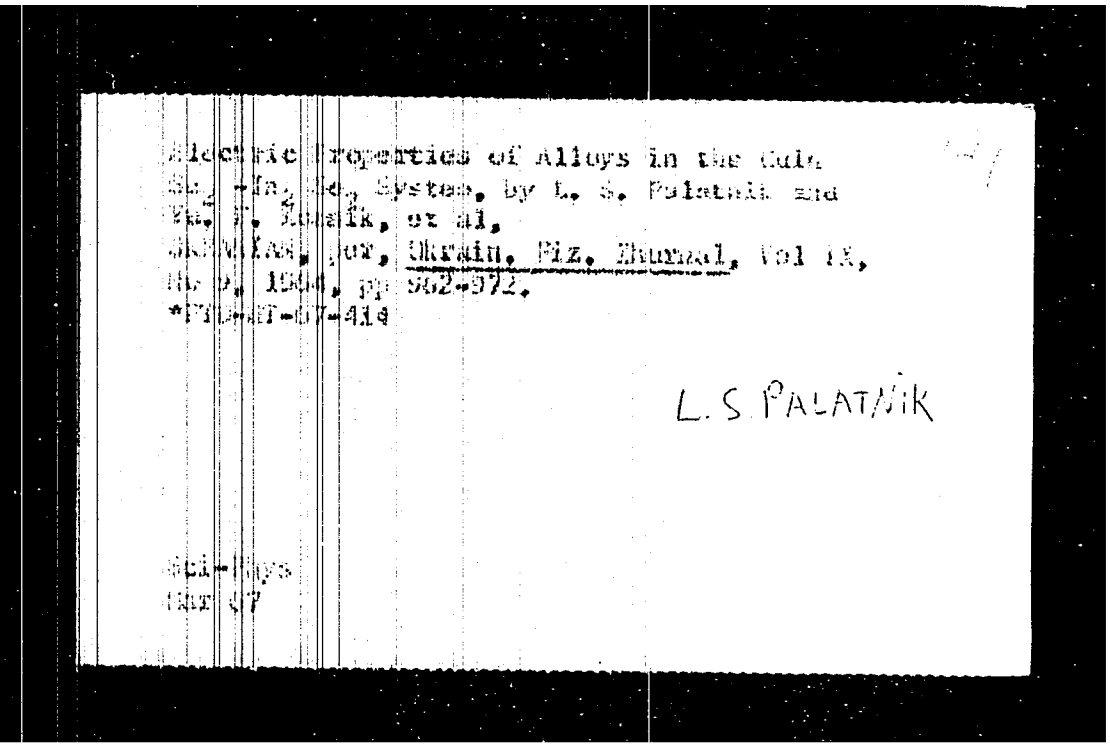
Sci

Mar 61

141,725

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Electric Properties of Alloys in the Cu-
Sn-In-Hg System, by L. S. Palatnik and
Yu. F. Lukyk, et al,
Moscow, Fiz. Zhurnal, Vol IX,
No 2, 1944, pp 962-972.
*Trans-AT-07-414

L. S. PALATNIK

Sci-Phys
Dec 47

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Investigation of the Melting Points of Thin Condensed Layers of Sn and Bi, by L. S. Palatnik, Yu. F. Komnik, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 3, 1960, pp 373-378.

PP

Sci

Apr 61

149,600

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Study of the Crystallization of Antimony in Thin Films. III. Influence of Various Additions, by L. S. Palatnik, V. M. Kosevich, 4 pp.

RUSSIAN, per, Kristallografiya, Vol IV, No 5, 1959, pp 673-677.

Amer Inst of Phys
Sov Phys-Crystal 119,296

Sci-Phys

Jun 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Investigation of Multicomponent Heterogeneous Systems by the Phase-Mass Method. I. L.S. Palatnik, G.R. Vinogorov, M.B. Kagan and V.B. Kuropyatnik 3pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, No 9, 1959, pp 1939-1944

Cleaver-Hume Press
Available Br 5 Library

117,735

Sci
Jun 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Critical Condensation Temperature of Bi, Sb, and Pb, by L. S. Palatnik, Yu. F. Komnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 2, 1960, pp 337-.

AIP
Sov Phys - Dok
Vol V, No 5

Sci

Apr 61

152, 52/

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Special Features of the Diffusion Redistribution of Carbon in Undercooled Austenite, by L. S. Palatnik, I. A. Tananko, 3 pp
of

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 4, 1960, pp 554-557

PP

151,022

Sci
May 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Critical Condensation Temperature of Bi, Sb, and Pb, by L. S. Palatnik, Yu. F. Komnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 2, 1960, pp 337-.

AIP
Sov Phys - Dok
Vol V, No 5

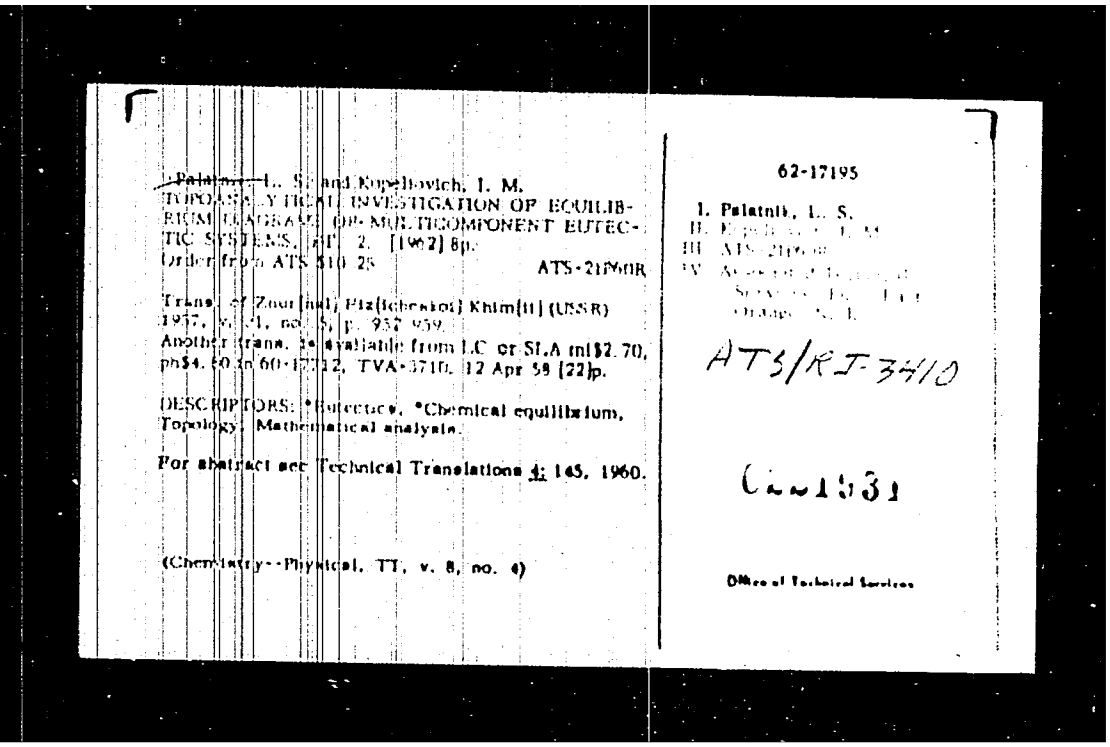
Sci

Apr 61

152, 521

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Palatnik, L. S. and Kopelevich, I. M.
TOPOLOGICAL INVESTIGATION OF EQUILIBRIUM DIAGRAMS OF MULTICOMPONENT EUTECTIC SYSTEMS, pt. 2. [1962] 8p.
Order from ATS $10.25 ATS-21760R

Trans. of Zhur[nal] Fiz[icheskoi] Khim[ii] (USSR) 1957, v. 31, no. 5, p. 952-959.
Another trans. is available from LC or SLA @$2.70, ph$4.60 as 60-17732, TVA-3710, 12 Apr 59 [22]p.

DESCRIPTORS: *Eutectics, *Chemical equilibrium, Topology, Mathematical analysis.

For abstract see Technical Translations 4: 145, 1960.

(Chemistry--Physical, TT, v. 8, no. 4)

62-17195

1. Palatnik, L. S.
II. Kopelevich, I. M.
III. ATS-21760R
IV. Academy of Sciences, Ukrainian SSR, Physico-Chemical Institute, Kharkov, USSR.

ATS/RJ-3410

Chem 531

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Condensation Mechanism of Cu-Ni Alloys, by L. S. Palatnik, N. T. Gladkikh, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961, pp 1297-1300.

AIP
Sov Phys - Dok
Vol VI, No 10

Sci

Apr 62

190,823

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Structural Changes in 20 KHM-L Steel During Prolonged Thermal Treatments, by S. S. Dyachenko, L. S. Palatnik, R. S. Kaplan, S. I. German, No. I. Dutko, 8 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VI, No 6, 1958, pp 1122-1129.

Pergamon Press

Sci

Jun 60

117,974

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Electron-Beam-Oscillograph Semi-Quantitative Phase Analysis, by L. S. Palatnik, B. T. Boyko, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 6, 1959, pp 690-695.

Instru Soc of Amer

119,591

Sep

Jun 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Theory of Transitions in Metastable Phases,
by L. S. Palatnik, V. S. Zorin, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII,
No 8, 1959, pp 1859-1865.

Cleaver-Hume Press

Available Br 5 Library

Sci

May 60

116,854

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Study of Aluminium Alloys of the Al-Cu-Mg System in Samples of Variable Composition, by L. S. Palatnik, G.B. Fedorov, M.T. Gladkikh, 7 pp.

RUSSIAN, per. Fiz Metal i Metallov, Vol VIII, No 3, 1959, pp 378-386

PP

135, 152

Sol
61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Method for the Preparation and Analysis of Specimens of Varying Composition, by L. S. Palatnik, B. T. Boyko, V. M. Kosevich, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 4, 1958, pp 422-423.

Instru Soc of Amer

Sci

Apr 60

113, 303

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Technique of Measuring Microhardness With Thin Films, by L. S. Palatnik, G. V. Fedorov, V. M. Kosevich, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 6, 1958, pp 759-761.

Instru Soc of Amer

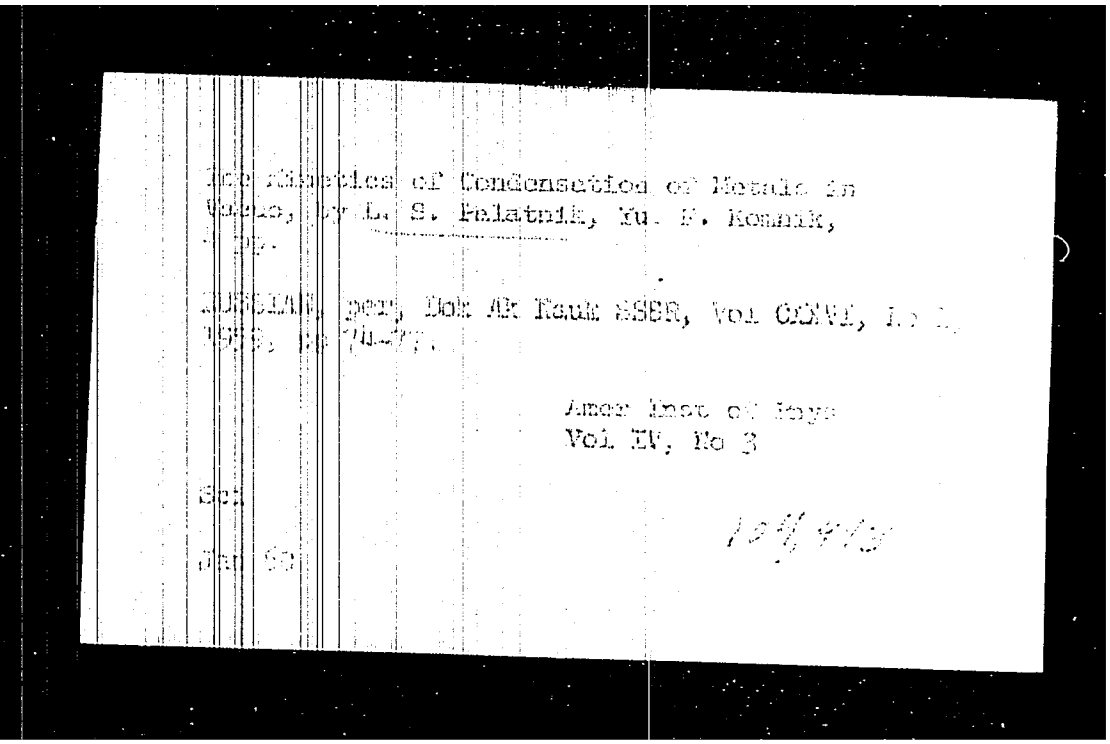
Sci

Apr 60

113 344

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Two Principles of Condensation of Metals in Vacuo, by L. S. Palatnik, Yu. F. Komnik, [illegible].

JOURNAL, per, Dok AN Rauk SSSR, Vol CXXVI, [illegible] 1959, pp [illegible].

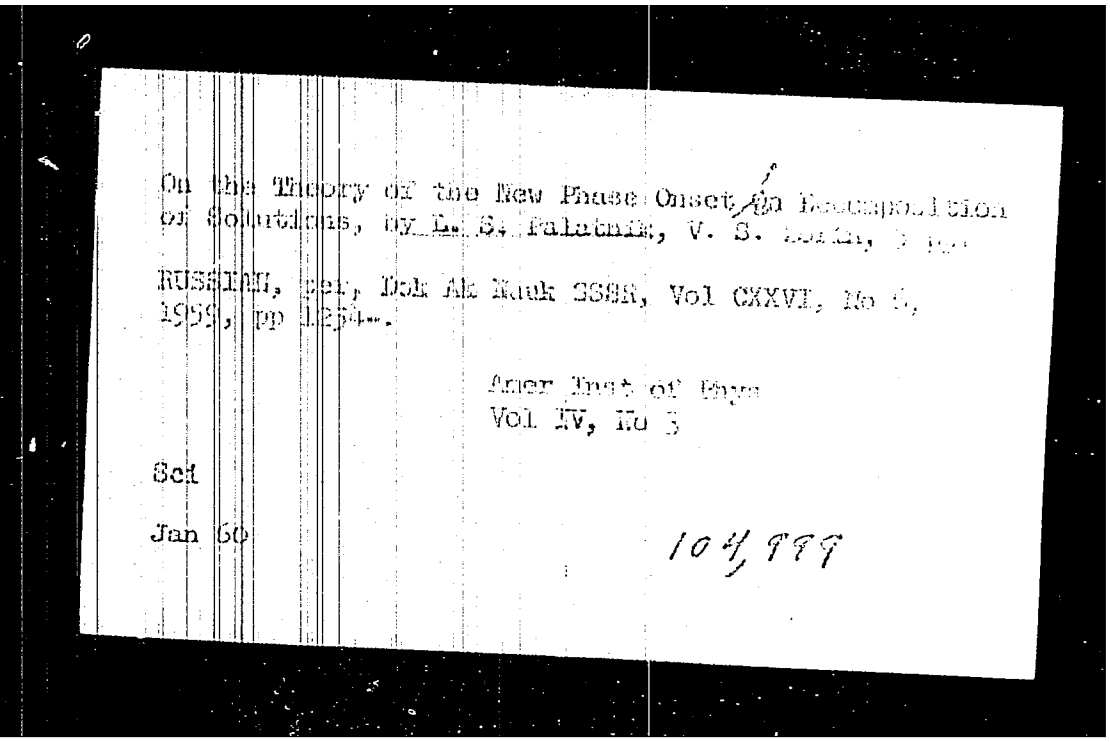
Amer Inst of Phys
Vol IV, No 3

Sci

Jan 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



On the Theory of the New Phase Onset in Recrystallization of Solutions, by L. S. Palatnik, V. S. [illegible], 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 6, 1959, pp 1254-.

Amer Inst of Phys
Vol IV, No 3

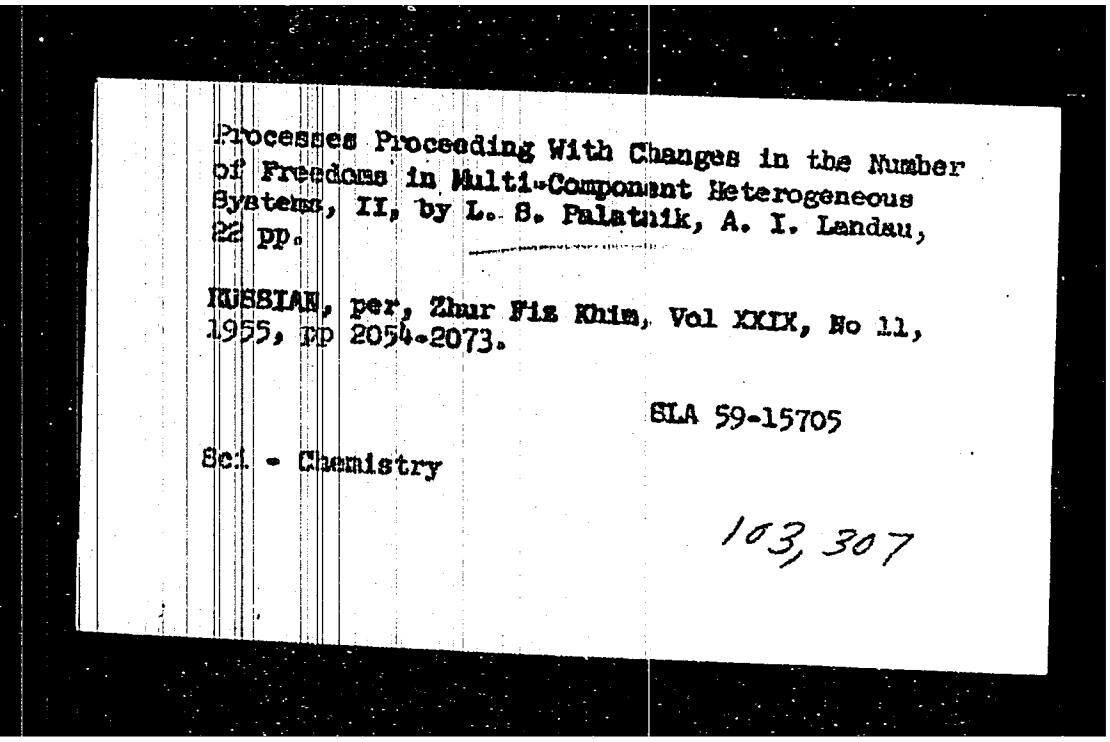
Set

Jan 60

104,999

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Processes Proceeding With Changes in the Number of Freedoms in Multi-Component Heterogeneous Systems, II, by L. S. Palatnik, A. I. Landau, 22 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 11, 1955, pp 2054-2073.

SLA 59-15705

Sci - Chemistry

103,307

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Mechanism of Condensation of Metals in Vacuum, by L. S. Palatnik, Yu. F. Komnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 4, 1959 pp 800-.

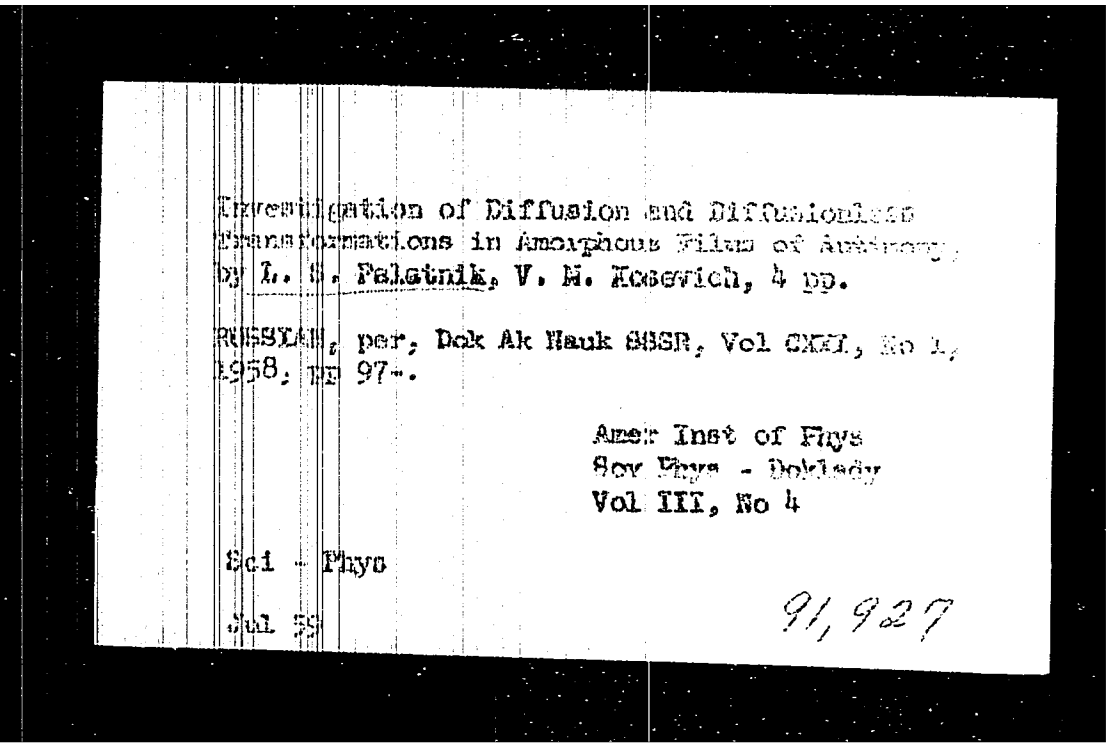
Amer Inst of Phys
Sov Phys - Doklady
Vol IV, No 1

Sci - Phys

97,108

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Investigation of Diffusion and Diffusionless Transformations in Amorphous Film of Antimony, by L. S. Palatnik, V. M. Kosevich, 4 pp.

RUSSIAN, per; Dok Ak Nauk SSSR, Vol CXXI, No 1, 1958, pp 97-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 4

Sci - Phys

Jul 59

91,927

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Investigation of the Processes of Repeated Decomposition of an Al-Cu Solid Solution, by L. S. Palatnik, B. T. Boyko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 5, 1958, pp 1015-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,076

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

The Application of the Method of Specimens of Variable Composition to the Study of Ternary Alloys, by L. S. Palatnik, G. V. Fedorov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958, 79-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

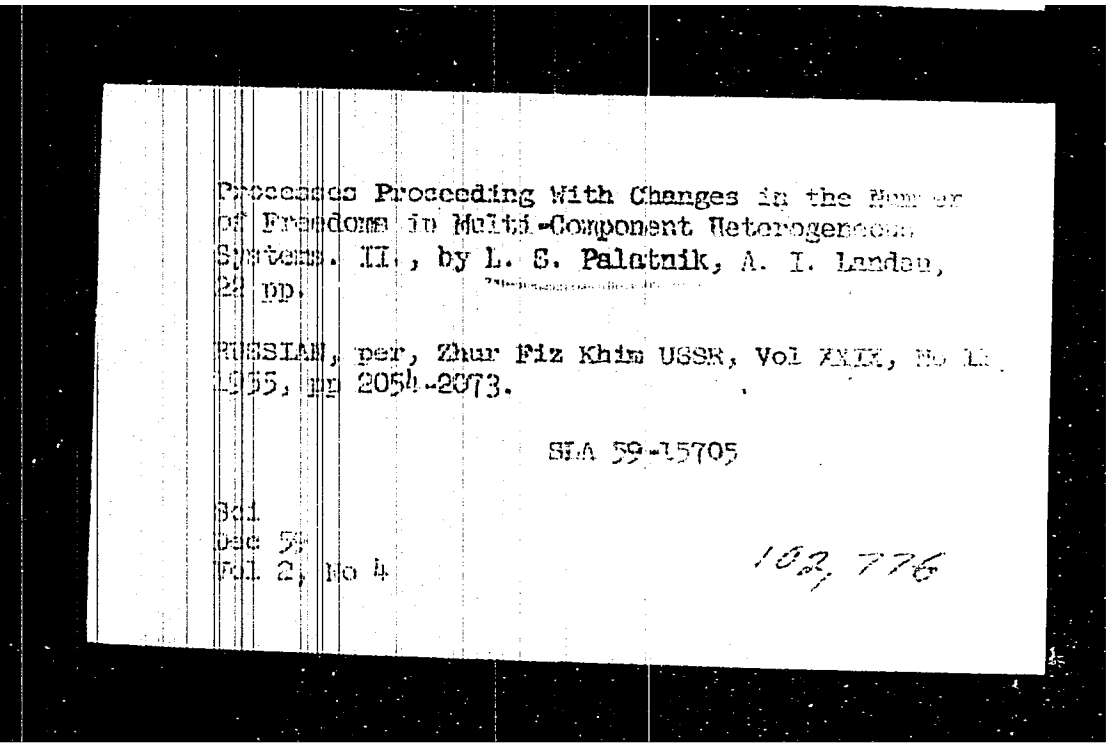
Sci - Phys

Jul 59

92,084

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5



Processes Proceeding With Changes in the Number of Freedoms in Multi-Component Heterogeneous Systems. II., by L. S. Palatnik, A. I. Landau, 22 pp.

RUSSIAN, per, Zhur Fiz Khim USSR, Vol XXIX, No 11, 1955, pp 2054-2073.

SHA 59-15705

Bel
Dec 59
Vol 2, No 4

102 776

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

Questions of the General Theory of Equilibrium Diagrams of Multicomponent Heterogeneous Alloys, by L. S. Palatnik, A. I. Landau, 23 pp, UNCL.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 3, Mar 1958, pp 637-649.

ATIC F-TS-9531/V

Sci - Chem

Jul 59

91,145

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

An Investigation of Thermodynamic Systems with Nonzero Defect of the Concentration Matrix, by L. S. Palatnik, V. S. Zorin, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 11, 1958, pp 2635-.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 11

Sci - Phys
Jul 59

90,778

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5

A Generalized Formulation of the Gibbs Inequality, by L. S. Palatnik, A. I. Landau, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV, No 4, 1957, pp 837-840.

Consultants Bureau

Sci - Chemistry
Jul 58

67,634

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201380027-5